SMD-codes

DATABOOK

SMD-codes

Active SMD semiconductor components marking codes

- 301.000 SMD-codes for active semiconductor components:
- Diodes, Transistors, Thyristors, Integrated Circuits
- Case pin assignment
- Pinout
- Marking style
- Schematic diagram
- Additional SMD info
- Case drawings
- Manufacturers

2014 EDITION

TURUTA

MarCMiRaJ

ELECTRONICS COMPONENTS

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Active SMD components marking codes

databook

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Introduction

At earlier eighties began a trend to replace a traditional through - hole technique with the surface mounted technology (SMT) using surface mounted devices (SMD). The SMT, although intended in principle for automatic manufacturing only expand more and more, even into a hobby world. This trend will continue, because many new components are available in SMD versions only. The SMT technique opens advantages and new applications through miniaturising of the components and increasing of reliability. The industry standard unfortunately allows that most of the SMD components does not have a clear description. Since a tiny size of the components, they are labelled with one, two or more character or graphic SMD code. Thus it is necessary to take into account that the colour and (or) placing of alphanumeric or graphic symbols are also important. Therefore a sure identification of the components is impossible without appropriate technical documentation. Moreover the polarity and pin - outs of different components could be not identified without data sheets.

Identifying the manufacturers type number of an SMD device from the package code can be a difficult task. Unfortunately, each device code is not necessarily unique.

It is possible for various manufacturers to place different devices in the same case with the same SMD-code. For example, with a **6H** SMD-code in a SOT-23 case might be either a npn-transistor **BC818** (CDIL) or a capacitance-diode **FMMV2104** (Zetex) or a n-channel jFET transistor **MMBF5486** (Motorola) or a pnp-digital transistor **MUN2131** (Motorola) or a pnp-digital transistor **UN2117** (Panasonic) or a CMOS-integrated circuit- voltage detector with reset output **R3131N36EA** (Ricoh). Even the same manufacturer may use the same code for different devices.

To identify a particular SMD device, is necessary to identify the manufacturer, package type and note the SMD code printed on the device.

The identification of the manufacturer is possible only if on the case are printed the manufacturer's logos, but it not always happens. Besides, sometimes, it is possible to determine the manufacturer with indirect tags. Many recent ON Semiconductor devices have a small superscript letter after the device code, such as **SA^{c}** (this smaller letter is merely a month of manufacture code). Infineon devices usually have a lower case **'s'** (ATs, LOs). NXP (Philips) devices usually have a lower case **'p'** (AHp, Z1p, pB0) or **'-'** (DQ-, -ZS) for the devices made in Hong Kong, **'t'** (tT9, Y7t) for the devices made in Malaysia, "W" (WT9, Y7W) for the devices made in China. In section 19 are submitted the logos of the SMD devices manufacturers.

The package type is another problem for the identification of SMD devices. The different manufacturers can designate identical cases concerning by the various standards (or concerning by the internal system). Besides, the various cases can have an identical kind (form) and differ only by sizes. This distinction of sizes so it is not enough, that can be is measured only by special measuring devices.

Compliance with the name and type of cases from different manufacturers is solved by applying in the column "Case" an equivalent type name for equivalent cases.

In addition to SMD-code, uper case may be put padding alpha-numeric information (usually by another font or size of characters, also may be by other arrangement). Relationship position of the SMD-code and padding information have defined as style and show in the column "Style"

In the following tables sections the SMD semiconductor components - irrelevant as to whether it is dealing with transistors, diodes, integrated circuits etc. are placed in separate tables according to numbers of terminals and (or) type of cases and are listed in alpha-numeric order by SMD-codes.

Column 1 ("SMD-Code")

Column 2 ("A")

Additional SMD-codes attribute such as subscipt bar, uperscipt bar, reverse symbol and other (section 14).

Column 2 ("Type")

The type designations correspond to those of the respective manufacturer documentations.

Column 3 ("Function")

Short definition of the semiconductor component.
Used abbreviations:

BM-IC	Battery Management integrated circuit
BR	Bridge Rectifier
C-diode	Capacitance diode (varactor, varicap)
CMOS-Log	CMOS logic integrated circuit
Comp-IC	Voltage comparator integrated circuit
DC/DC-IC	DC/DC voltage converter integrated circuit
ESDP-diode	ElectroStatic Discharge Protection diode
ESD-Prot	ElectroStatic Discharge Protection thyristor
-FET	Field Effect Transistor
HEMT	High electron mobility transistors
H-IC	Hall-effect sensor integrated circuit
IGBT	Insulated Gate Bipolar Transistor
IGBT+Di	Insulated Gate Bipolar Transistor with antiparallel diode
LDR-IC	LED driver integrated circuit
Lin-IC	Linear integrated circuit
LVR-IC	Linear voltage regulator integrated circuit
LVR/Vdet-IC	Linear voltage regulator/Voltage detector combined integrated circuit
MMIC	Monolithic Microwave Integrated Circuit
-MOSFET	Metal-Oxide-Semiconductor FET
-MESFET	MEtal-Semiconductor FET
n-	n-channel junction transistor
n/p-	n-channel and p-channel transistors area
Op-IC	Operational amplifier integrated circuit
p-	p-channel junction transistor
PHEMT	Pseudomorphic high electron mobility transistors
PIN-diode	PIN-diode
SA-Z-diode	Surge Absorption Zener diode
Si-diode	Silicon diode
Si-Varistor	Silicon voltage depending resistor
Si-npn	Silicon npn transistor
Si-n/p	Silicon npn and pnp transistors area
Si-npn-Darl	Silicon npn Darlington transistor
Si-npn-Digi	Silicon npn "digital" transistor
Si-npn-Digi+Di	Silicon npn "digital" transistor with inter-

	nal diode
Si-pnp	Silicon pnp transistor
Si-pnp-Darl	Silicon pnp Darlington transistor
Si-pnp-Digi	Silicon pnp “digital” transistor
Si-npn-Digi+Di	Silicon pnp “digital” transistor with internal diode
SiC-diode	Silicon Carbide diode
SiGe-npn	Silicon/Geramanium npn transistor
Si-Stab	Silicon stabistor
SVR-IC	Switching Voltage Regulator integrated circuit
Tdet-IC	Thermal detector integrated circuit
Thy-SCR	Thyristor-controlled rectifier
Thy-SPD	Thyristor-surge protector device
Triac	Triode for alternating current
TVS	Transient voltage supressor
Vdet-IC	Voltage Detector integrated circuit
Vref-IC	Voltage Reference integrated circuit
Z-diode	Zener diode

Column 4 (“Short description”)
Short data or description of function of each type.
Used abbreviations:

Adj.	Adjust, adjustable
AF	Audio Frequency
AGC	Automatic Gain Control
ALC	Automatic Level Control
AM	Amplitude Modulation (AM range)
Amp	Amplifier
Ant	Antenna
Att	Attenuator
Aval	Avalanshe
Disc.	Internal CL discharge
BTL	Bridge Tied Loads
Buff	Buffer
CATV	Broad band cable amplifier
+CE	Active HIGH Chip Enable
-CE	Active LOW Chip Enable
Cell	Cellular
CL	Internal CL discharge resistor
Contr	Controlled
Conv	Converter
Cordl	Cordless
Det	Detector
DG	Dual Gate
Diff	Differential
Dr, Drv	Driver
EN	Enable
Ext.	External
FM	Frequency Modulation (FM range)
GaAs	Gallium arsenide
GP	General Purpose Applications
HF	High Frequency
Hi-sp	High-speed
HSST	High-Speed Soft-Start
HV	High Voltage
I2C	I2C interface control
I2S	I2S interface
ICP	Inrush Current Protection
Instrum.	Instrumental
Latch-Pr.	Latch-Protection
LDO	Low drop voltage
LED	Light-emitting diode
LLS	Logic Level Shifter
LN	Low Noise
LogL	Logic Level (Uth > 0,8...2V)
Lo-sat	Low collector-emitter saturation voltage
LSST	Low-Speed Soft-Start
Mix	Mixer
MR	Manual Reset
OCL	Output Current Limiter
ODO	Open Drain Output
OCO	Open Collector Output
OVIn	Over Voltage Rest Input (negative)
OVP	Over Voltage Protection
Osc	Oscillator
Out	Output
OV	Latched OverVoltage function
PA	Power Amplifier
PAD	Pico-Amper Diode
PCA	Pulse Current Amplitude modulation
PDR	Internal pull-down resistor
PFM	Pulse-frequency modulation
Pow	Power
PPO	Push-Pull Output
PSM	Pulse-skip modulation
PUR	Internal pull-up resistor
PWM	Pulse-width modulation
Rect.	Rectifier
Reg.	Regulated
Res.	Resistor
Reset-Pr.	Reset-Protection
RF	Radio Frequency applications
Rt	Reset delay time
SBD	Schottky Barrier Diode
SBR	Schottky Barrier Rectifier Diode
SPI	SPI interface
St-dwn	Step-down
St-up	Step-up
Supress.	Supressor
Sw.	Switching
TMBSR	Trench MOS Barrier Schottky Rectifier
T-MOS	Trench-FET MOSFET
Trd	Time Reset Delay
Tun	Tuner
U-Speed	Ultra-speed
UHF	RF applications (>250 MHz)
ULN	Ultra Low-Noise
UV	Latched UperVoltage function
UVLO	Under voltage lock output
Var	Variable
VCO	Voltage controlled oscillator
VDet	Volatge Detector
Vdi	Input volatge detection
Vdo	Output volatge detection
VHF	RF applications (100...250MHz)
VFM	Voltage-Frequency Modulation
Vid	Video output stages
V-MOS	Vertical Metal Oxide Semiconductor
VR	Voltage Regulator
WB	Wide Band
WD	Watch-Dog Timer

Column 5 (“Case”) Manufacturers case designation.

Column 6 (“Pin”) Related case pin asignments and pinout (section 12, 13).

Column 7 (“Sch”) Sample schematic connection for some ICs. All drawings are placed in the section 16.

Column 8 (“St”) “Style” (upercase placement of the SMD-code and additional infomation drawing). All styles are placed in the section 15.

Column 9 (“Mnf”)
The names of the manufacturer are abbreviated to save space. The complete name, logos, and URL of each manufacurer is listed alphabetically on section 19.

TURUTA ELECTRONICS WORLD

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- Search by marking code with case class (pin number) selection;
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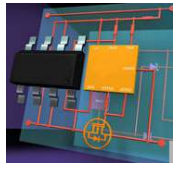

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SECTION 1
2-pin case SMD semiconductor components

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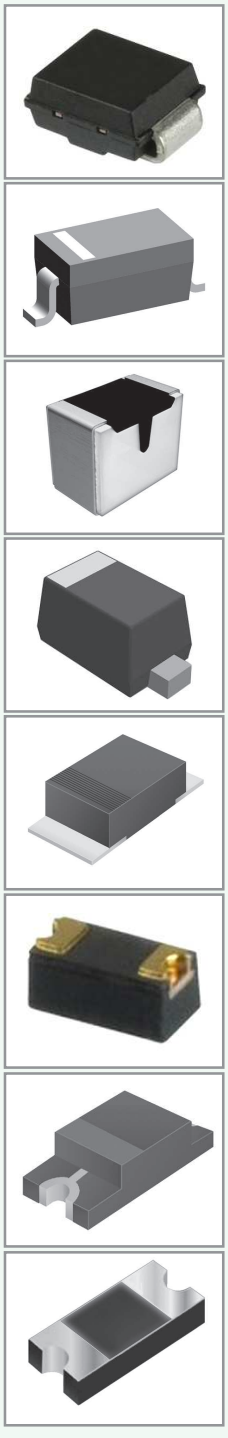

SMD code	A	Type	Function	Short description	Case	Pin	St	Mnf
.0	-	BZX584C5V6-V-G	Zener diode	5.2..6.0V, Izt=5mA, Zzt=40Ω, 200mW	SOD-523	7d	1a	Vs
.1	-	BZX584C5V1-V-G	Zener diode	4.8..5.4V, Izt=5mA, Zzt=60Ω, 200mW	SOD-523	7d	1a	Vs
.1	bn	BZX584C16-V-G	Zener diode	15.3..17.1V, Izt=5mA, Zzt=40Ω, 200mW	SOD-523	7d	1a	Vs
.1	bo	BZX584C6V2-V-G	Zener diode	5.8..6.6V, Izt=5mA, Zzt=10Ω, 200mW	SOD-523	7d	1a	Vs
.1	bp	BZX584C22-V-G	Zener diode	20.8..23.3V, Izt=5mA, Zzt=55Ω, 200mW	SOD-523	7d	1a	Vs
.2	-	BZX584C2V4-V-G	Zener diode	2.2..2.6V, Izt=5mA, Zzt=100Ω, 200mW	SOD-523	7d	1a	Vs
.2	bn	BZX584C18-V-G	Zener diode	16.8..19.1V, Izt=5mA, Zzt=45Ω, 200mW	SOD-523	7d	1a	Vs
.2	bo	BZX584C6V8-V-G	Zener diode	6.4..7.2V, Izt=5mA, Zzt=15Ω, 200mW	SOD-523	7d	1a	Vs
.3	-	BZX584C2V7-V-G	Zener diode	2.5..2.9V, Izt=5mA, Zzt=100Ω, 200mW	SOD-523	7d	1a	Vs
.3	bo	BZX584C7V5-V-G	Zener diode	7.0..7.9V, Izt=5mA, Zzt=15Ω, 200mW	SOD-523	7d	1a	Vs
.4	-	BZX584C3V0-V-G	Zener diode	2.8..3.2V, Izt=5mA, Zzt=100Ω, 200mW	SOD-523	7d	1a	Vs
.4	bn	BZX584C20-V-G	Zener diode	18.8..21.2V, Izt=5mA, Zzt=55Ω, 200mW	SOD-523	7d	1a	Vs
.4	bo	BZX584C15-V-G	Zener diode	14.3..15.8V, Izt=5mA, Zzt=30Ω, 200mW	SOD-523	7d	1a	Vs
.5	-	BZX584C3V3-V-G	Zener diode	3.1..3.5V, Izt=5mA, Zzt=95Ω, 200mW	SOD-523	7d	1a	Vs
.5	bn	BZX584C24-V-G	Zener diode	22.8..25.6V, Izt=5mA, Zzt=70Ω, 200mW	SOD-523	7d	1a	Vs
.5	bo	BZX584C13-V-G	Zener diode	12.4..14.1V, Izt=5mA, Zzt=30Ω, 200mW	SOD-523	7d	1a	Vs
.6	-	BZX584C3V6-V-G	Zener diode	3.4..3.8V, Izt=5mA, Zzt=90Ω, 200mW	SOD-523	7d	1a	Vs
.7	-	BZX584C3V9-V-G	Zener diode	3.7..4.1V, Izt=5mA, Zzt=90Ω, 200mW	SOD-523	7d	1a	Vs
.7	bn	BZX584C27-V-G	Zener diode	25.1..28.9V, Izt=2mA, Zzt=80Ω, 200mW	SOD-523	7d	1a	Vs
.7	bo	BZX584C12-V-G	Zener diode	11.4..12.7V, Izt=5mA, Zzt=25Ω, 200mW	SOD-523	7d	1a	Vs
.8	-	BZX584C4V3-V-G	Zener diode	4.0..4.6V, Izt=5mA, Zzt=90Ω, 200mW	SOD-523	7d	1a	Vs
.9	-	BZX584C4V7-V-G	Zener diode	4.4..5.0V, Izt=5mA, Zzt=80Ω, 200mW	SOD-523	7d	1a	Vs
.9	bn	BZX584C33-V-G	Zener diode	31..35V, Izt=2mA, Zzt=80Ω, 200mW	SOD-523	7d	1a	Vs
.C3	-	CZRW5223B-HF	Zener diode	2.57..2.84V, Zzt=30Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.C5	-	CZRW5225B-HF	Zener diode	2.85..3.15V, Zzt=30Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.E1	-	CZRW5231B-HF	Zener diode	4.85..5.36V, Zzt=17Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.E2	-	CZRW5232B-HF	Zener diode	5.32..5.88V, Zzt=11Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.E3	-	CZRW5233B-HF	Zener diode	5.70..6.30V, Zzt=7Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.E4	-	CZRW5234B-HF	Zener diode	5.89..6.51V, Zzt=7Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.E5	-	CZRW5235B-HF	Zener diode	6.46..7.14V, Zzt=5Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.F1	-	CZRW5236B-HF	Zener diode	7.13..7.88V, Zzt=6Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.F2	-	CZRW5237B-HF	Zener diode	7.79..8.61V, Zzt=8Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.F3	-	CZRW5238B-HF	Zener diode	8.27..9.14V, Zzt=8Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.F4	-	CZRW5239B-HF	Zener diode	8.65..9.56V, Zzt=10Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.F5	-	CZRW5240B-HF	Zener diode	9.50..10.50V, Zzt=17Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.G1	-	CZRW5226B-HF	Zener diode	3.14..3.47V, Zzt=28Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.G2	-	CZRW5227B-HF	Zener diode	3.42..3.78V, Zzt=24Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.G3	-	CZRW5228B-HF	Zener diode	3.71..4.10V, Zzt=23Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.G4	-	CZRW5229B-HF	Zener diode	4.09..4.52V, Zzt=22Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.G5	-	CZRW5230B-HF	Zener diode	4.47..4.94V, Zzt=19Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.H1	-	CZRW5241B-HF	Zener diode	10.45..11.55V, Zzt=22Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.H2	-	CZRW5242B-HF	Zener diode	11.40..12.60V, Zzt=30Ω, Izt=20mA, 350mW	SOD-123	5d	1a	Cmc
.H3	-	CZRW5243B-HF	Zener diode	12.35..13.65V, Zzt=13Ω, Izt=9.5mA, 350mW	SOD-123	5d	1a	Cmc
.H4	-	CZRW5244B-HF	Zener diode	13.30..14.70V, Zzt=15Ω, Izt=9.0mA, 350mW	SOD-123	5d	1a	Cmc
.H5	-	CZRW5245B-HF	Zener diode	14.25..15.75V, Zzt=16Ω, Izt=8.5mA, 350mW	SOD-123	5d	1a	Cmc
.J1	-	CZRW5246B-HF	Zener diode	15.20..16.80V, Zzt=17Ω, Izt=7.8mA, 350mW	SOD-123	5d	1a	Cmc
.J2	-	CZRW5247B-HF	Zener diode	16.15..17.85V, Zzt=19Ω, Izt=7.4mA, 350mW	SOD-123	5d	1a	Cmc
.J3	-	CZRW5248B-HF	Zener diode	17.10..18.90V, Zzt=21Ω, Izt=7.0mA, 350mW	SOD-123	5d	1a	Cmc
.J5	-	CZRW5250B-HF	Zener diode	19.0..21.0V, Zzt=25Ω, Izt=6.2mA, 350mW	SOD-123	5d	1a	Cmc
.K	-	BZX584C30-V-G	Zener diode	28..32V, Izt=2mA, Zzt=80Ω, 200mW	SOD-523	7d	1a	Vs
.K1	-	CZRW5251B-HF	Zener diode	20.90..23.10V, Zzt=29Ω, Izt=5.6mA, 350mW	SOD-123	5d	1a	Cmc
.K2	-	CZRW5252B-HF	Zener diode	22.80..25.20V, Zzt=33Ω, Izt=5.2mA, 350mW	SOD-123	5d	1a	Cmc
.K4	-	CZRW5254B-HF	Zener diode	25.65..28.35V, Zzt=41Ω, Izt=5mA, 350mW	SOD-123	5d	1a	Cmc
.K5	-	CZRW5255B-HF	Zener diode	26.60..29.40V, Zzt=44Ω, Izt=4.5mA, 350mW	SOD-123	5d	1a	Cmc
.L	-	BZX584C47-V-G	Zener diode	44..50V, Izt=2mA, Zzt=170Ω, 200mW	SOD-523	7d	1a	Vs
.M	-	BZX584C51-V-G	Zener diode	48..54V, Izt=2mA, Zzt=180Ω, 200mW	SOD-523	7d	1a	Vs
.M1	-	CZRW5256B-HF	Zener diode	28.50..31.50V, Zzt=49Ω, Izt=4.2mA, 350mW	SOD-123	5d	1a	Cmc
.P	bn	BZX584C36-V-G	Zener diode	34..38V, Izt=2mA, Zzt=90Ω, 200mW	SOD-523	7d	1a	Vs
.P	bo	BZX584C11-V-G	Zener diode	10.4..11.6V, Izt=5mA, Zzt=20Ω, 200mW	SOD-523	7d	1a	Vs
.R	bn	BZX584C39-V-G	Zener diode	37..41V, Izt=2mA, Zzt=130Ω, 200mW	SOD-523	7d	1a	Vs
.R	bo	BZX584C10-V-G	Zener diode	9.4..10.6V, Izt=5mA, Zzt=20Ω, 200mW	SOD-523	7d	1a	Vs
.S	bo	BZX584C9V1-V-G	Zener diode	8.5..9.6V, Izt=5mA, Zzt=15Ω, 200mW	SOD-523	7d	1a	Vs
.T	bp	BZX584C8V2-V-G	Zener diode	7.7..8.7V, Izt=5mA, Zzt=15Ω, 200mW	SOD-523	7d	1a	Vs
.U	bp	BZX584C43-V-G	Zener diode	40..46V, Izt=2mA, Zzt=150Ω, 200mW	SOD-523	7d	1a	Vs
_Z	-	MM3Z51VB	Zener diode	49.98..52.02V, Zzt=169Ω, Izt=2mA, 200mW	SOD-323FL	7d	1a	F
+5	-	BZX584B3V9	Zener diode	3.82..3.98V, Izt=5mA, Zzt=90Ω, 200mW	SOD-523FL	7d	1a	Tac
+5	-	MM5Z3V9B	Zener diode	3.82..3.98V, Izt=5mA, Zzt=90Ω, 200mW	SOD-523FL	7d	1a	Tac
<5	-	BZX584B75V	Zener diode	73.50..76.50V, Izt=2mA, Zzt=255Ω, 200mW	SOD-523FL	7d	1a	Tac
<5	-	MM5Z75VB	Zener diode	73.50..76.50V, Izt=2mA, Zzt=255Ω, 200mW	SOD-523FL	7d	1a	Tac
<Z	-	BZT52B75S	Zener diode	73.50..76.50V, Izt=2mA, Zzt=255Ω, 200mW	SOD-323FL	7d	1a	Tsc

SECTION 2

SOD-80 (MELF) case SMD semiconductor components

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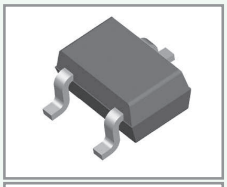
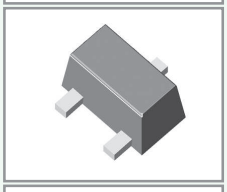
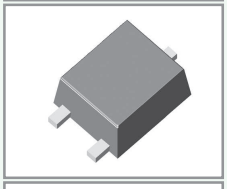
SMD code	A	Type	Function	Short description	Case	Pin	St	Mnf
10A	-	GLZ10A	Z-diode	9.12..9.59V, Zzt=8 Ohm, Izt=20mA, 500mW	SOD-80	15d	2c	Pjt
10A	-	TLZ10A	Z-diode	9.12..9.59V, Izt=20mA, Zzt=8 Ohm, 500mW	SOD-80	15d	2g	Ttr
10B	-	GLZ10B	Z-diode	9.41..9.90V, Zzt=8 Ohm, Izt=20mA, 500mW	SOD-80	15d	2c	Pjt
10B	-	TLZ10B	Z-diode	9.41..9.90V, Izt=20mA, Zzt=8 Ohm, 500mW	SOD-80	15d	2g	Ttr
10B	-	ZMM10B	Z-diode	9.5..10.5V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
10C	-	GLZ10C	Z-diode	9.70..10.20V, Zzt=8 Ohm, Izt=20mA, 500mW	SOD-80	15d	2c	Pjt
10C	-	TLZ10C	Z-diode	9.70..10.20V, Izt=20mA, Zzt=8 Ohm, 500mW	SOD-80	15d	2g	Ttr
10C	-	ZMM10C	Z-diode	9.8..10.2V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
10D	-	GLZ10D	Z-diode	9.94..10.44V, Zzt=8 Ohm, Izt=20mA, 500mW	SOD-80	15d	2c	Pjt
10D	-	TLZ10D	Z-diode	9.94..10.44V, Izt=20mA, Zzt=8 Ohm, 500mW	SOD-80	15d	2g	Ttr
10D	-	ZMM10D	Z-diode	9.9..10.1V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
11A	-	GLZ11A	Z-diode	10.18..10.71V, Zzt=10 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
11A	-	TLZ11A	Z-diode	10.18..10.71V, Izt=10mA, Zzt=10 Ohm, 500mW	SOD-80	15d	2g	Ttr
11B	-	GLZ11B	Z-diode	10.50..11.05V, Zzt=10 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
11B	-	TLZ11B	Z-diode	10.50..11.05V, Izt=10mA, Zzt=10 Ohm, 500mW	SOD-80	15d	2g	Ttr
11B	-	ZMM11B	Z-diode	10.45..11.55V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
11C	-	GLZ11C	Z-diode	10.82..11.38V, Zzt=10 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
11C	-	TLZ11C	Z-diode	10.82..11.38V, Izt=10mA, Zzt=10 Ohm, 500mW	SOD-80	15d	2g	Ttr
11C	-	ZMM11C	Z-diode	10.78..11.22V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
11D	-	ZMM11D	Z-diode	10.89..11.11V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
12A	-	GLZ12A	Z-diode	11.13..11.71V, Zzt=12 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
12A	-	TLZ12A	Z-diode	11.13..11.71V, Izt=10mA, Zzt=12 Ohm, 500mW	SOD-80	15d	2g	Ttr
12B	-	GLZ12B	Z-diode	11.44..12.03V, Zzt=12 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
12B	-	TLZ12B	Z-diode	11.44..12.03V, Izt=10mA, Zzt=12 Ohm, 500mW	SOD-80	15d	2g	Ttr
12B	-	ZMM12B	Z-diode	11.4..12.6V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
12C	-	GLZ12C	Z-diode	11.74..12.35V, Zzt=12 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
12C	-	TLZ12C	Z-diode	11.74..12.35V, Izt=10mA, Zzt=12 Ohm, 500mW	SOD-80	15d	2g	Ttr
12C	-	ZMM12C	Z-diode	11.76..12.24V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
12D	-	ZMM12D	Z-diode	11.88..12.12V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
13A	-	GLZ13A	Z-diode	12.11..12.75V, Zzt=14 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
13A	-	TLZ13A	Z-diode	12.11..12.75V, Izt=10mA, Zzt=14 Ohm, 500mW	SOD-80	15d	2g	Ttr
13B	-	GLZ13B	Z-diode	12.55..13.21V, Zzt=14 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
13B	-	TLZ13B	Z-diode	12.55..13.21V, Izt=10mA, Zzt=14 Ohm, 500mW	SOD-80	15d	2g	Ttr
13B	-	ZMM13B	Z-diode	12.35..13.65V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
13C	-	GLZ13C	Z-diode	12.99..13.66V, Zzt=14 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
13C	-	TLZ13C	Z-diode	12.99..13.66V, Izt=10mA, Zzt=14 Ohm, 500mW	SOD-80	15d	2g	Ttr
13C	-	ZMM13C	Z-diode	12.74..13.26V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
13D	-	ZMM13D	Z-diode	12.87..13.13V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
15	bd	RKZ15-2KD	Z-diode	14.5..15.1V, Izt=5mA, Zzt=40 Ohm, 500mW	LLD	15d	2g	Ren
15	be	RKZ15-1KD	Z-diode	14.1..14.7V, Izt=5mA, Zzt=40 Ohm, 500mW	LLD	15d	2g	Ren
15	bf	RKZ15-3KD	Z-diode	14.9..15.5V, Izt=5mA, Zzt=40 Ohm, 500mW	LLD	15d	2g	Ren
15A	-	GLZ15A	Z-diode	13.44..14.13V, Zzt=16 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
15A	-	TLZ15A	Z-diode	13.44..14.13V, Izt=10mA, Zzt=16 Ohm, 500mW	SOD-80	15d	2g	Ttr
15B	-	GLZ15B	Z-diode	13.89..14.62V, Zzt=16 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
15B	-	TLZ15B	Z-diode	13.89..14.62V, Izt=10mA, Zzt=16 Ohm, 500mW	SOD-80	15d	2g	Ttr
15B	-	ZMM15B	Z-diode	14.25..15.75V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
15C	-	GLZ15C	Z-diode	14.35..15.09V, Zzt=16 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
15C	-	TLZ15C	Z-diode	14.35..15.09V, Izt=10mA, Zzt=16 Ohm, 500mW	SOD-80	15d	2g	Ttr
15C	-	ZMM15C	Z-diode	14.7..15.3 5V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
15D	-	ZMM15D	Z-diode	14.85..15.15V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
16	bd	RKZ16-2KD	Z-diode	15.7..16.5V, Izt=5mA, Zzt=45 Ohm, 500mW	LLD	15d	2g	Ren
16	be	RKZ16-1KD	Z-diode	15.3..15.9V, Izt=5mA, Zzt=45 Ohm, 500mW	LLD	15d	2g	Ren
16	bf	RKZ16-3KD	Z-diode	16.3..17.1V, Izt=5mA, Zzt=45 Ohm, 500mW	LLD	15d	2g	Ren
16A	-	GLZ16A	Z-diode	14.80..15.57V, Zzt=18 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
16A	-	TLZ16A	Z-diode	14.80..15.57V, Izt=10mA, Zzt=18 Ohm, 500mW	SOD-80	15d	2g	Ttr
16B	-	GLZ16B	Z-diode	15.25..16.04V, Zzt=18 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
16B	-	TLZ16B	Z-diode	15.25..16.04V, Izt=10mA, Zzt=18 Ohm, 500mW	SOD-80	15d	2g	Ttr
16B	-	ZMM16B	Z-diode	15.2..16.8V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
16C	-	GLZ16C	Z-diode	15.69..16.51V, Zzt=18 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
16C	-	TLZ16C	Z-diode	15.69..16.51V, Izt=10mA, Zzt=18 Ohm, 500mW	SOD-80	15d	2g	Ttr
16C	-	ZMM16C	Z-diode	15.68..16.32V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
16D	-	ZMM16D	Z-diode	15.84..16.16V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc
18	bd	RKZ18-2KD	Z-diode	17.5..18.3V, Izt=5mA, Zzt=55 Ohm, 500mW	LLD	15d	2g	Ren
18	be	RKZ18-1KD	Z-diode	16.9..17.7V, Izt=5mA, Zzt=55 Ohm, 500mW	LLD	15d	2g	Ren
18	bf	RKZ18-3KD	Z-diode	18.1..19.0V, Izt=5mA, Zzt=55 Ohm, 500mW	LLD	15d	2g	Ren
18A	-	GLZ18A	Z-diode	16.22..17.06V, Zzt=23 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
18A	-	TLZ18A	Z-diode	16.22..17.06V, Izt=10mA, Zzt=23 Ohm, 500mW	SOD-80	15d	2g	Ttr
18B	-	GLZ18B	Z-diode	16.82..17.70V, Zzt=23 Ohm, Izt=10mA, 500mW	SOD-80	15d	2c	Pjt
18B	-	TLZ18B	Z-diode	16.82..17.70V, Izt=10mA, Zzt=23 Ohm, 500mW	SOD-80	15d	2g	Ttr
18B	-	ZMM18B	Z-diode	17.1..18.9V, Izt=5mA, 500mW	LL-34	15d	2c	Lrc

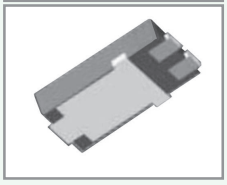
SECTION 3

3-pin case SMD semiconductor components









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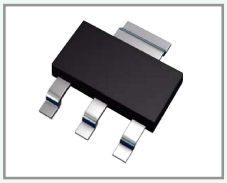
SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
-	cr	ELM7548NEB	Vdet-IC	4.8V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
-	cs	ELM7548CEB	Vdet-IC	4.8V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
#	cr	ELM7541NEB	Vdet-IC	4.1V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
#	cs	ELM7541CEB	Vdet-IC	4.1V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
*	cr	ELM7546NEB	Vdet-IC	4.6V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
*	cs	ELM7546CEB	Vdet-IC	4.6V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
.038	-	MC1038	n-MOSFET	GP, 20V, 750mA, 300mW, 0.24Ω(600mA), 3.8/252µs	SC-89-3	16fh	-	3a	Mep
/	cr	ELM7554NEB	Vdet-IC	5.4V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
/	cs	ELM7554CEB	Vdet-IC	5.4V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
+	cr	ELM7547NEB	Vdet-IC	4.7V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
+	cs	ELM7547CEB	Vdet-IC	4.7V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
+FZWC	-	LM4040CEM3-5.0/V+T	Vref-IC	µPower, Precision, Shunt, 5.00V±0.5%	SOT-23	16dk	RF1	3a	Max
+P2	-	BFR92A	Si-npn	UHF-A-Band, 20V, 25mA, 300mW, B>40, >5GHz	SOT-23	16ta	-	3a	Sil
+P5	-	BFR92AR	Si-npn	UHF-A-Band, 20V, 25mA, 300mW, B>40, >5GHz	SOT-23	16te	-	3a	Sil
+R2	-	BFR93A	Si-npn	UHF-A-Band, 15V, 30mA, 300mW, B>40, >5GHz	SOT-23	16ta	-	3a	Sil
+R5	-	BFR93AR	Si-npn	UHF-A-Band, 15V, 30mA, 300mW, B>40, >5GHz	SOT-23	16te	-	3a	Sil
<	cr	ELM7553NEB	Vdet-IC	5.3V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
<	cs	ELM7553CEB	Vdet-IC	5.3V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
=	cr	ELM7544NEB	Vdet-IC	4.4V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
=	cs	ELM7544CEB	Vdet-IC	4.4V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
>	cr	ELM7549NEB	Vdet-IC	4.9V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
>	cs	ELM7549CEB	Vdet-IC	4.9V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
0.	cr	ELM7552NEB	Vdet-IC	5.2V±2%, +Reset ODO	SC-70	16vdb	VD6	3d	Elm
0.	cs	ELM7552CEB	Vdet-IC	5.2V±2%, +Reset PPO	SC-70	16vdb	VD7	3d	Elm
00	-	AP8822C-40GA	Vdet-IC	4.0V±2%, -Reset PPO, 200ms, Halogen-fre	SOT-23	16vdc	VD7	3bb	Anw
00	-	AP8822C-40GT	Vdet-IC	4.0V±2%, -Reset PPO, 200ms, Halogen-fre	SC-70	16vdc	VD7	3bb	Anw
00	-	AP8822C-40PA	Vdet-IC	4.0V±2%, -Reset PPO, 200ms	SOT-23	16vdc	VD7	3b	Anw
00	-	AP8822C-40PT	Vdet-IC	4.0V±2%, -Reset PPO, 200ms	SC-70	16vdc	VD7	3b	Anw
005	-	SO2484R	Si-npn	AF, LN, 60V, 50mA, 360mW, 100MHz, B>100	SOT-23	16te	-	3a	Ste
01	-	AP8822C-41GA	Vdet-IC	4.1V±2%, -Reset PPO, 200ms, Halogen-fre	SOT-23	16vdc	VD7	3bb	Anw
01	-	AP8822C-41GT	Vdet-IC	4.1V±2%, -Reset PPO, 200ms, Halogen-fre	SC-70	16vdc	VD7	3bb	Anw
01	-	AP8822C-41PA	Vdet-IC	4.1V±2%, -Reset PPO, 200ms	SOT-23	16vdc	VD7	3b	Anw
01	-	AP8822C-41PT	Vdet-IC	4.1V±2%, -Reset PPO, 200ms	SC-70	16vdc	VD7	3b	Anw
01	-	PDTA143EE	Si-pnp-Digi	Sw, 50V, 100mA, 150mW, R1/R2=4.7k/4.7k	SOT-416	16ta	-	3a	Nxp
01	-	PDTA143EK	Si-pnp-Digi	Sw, 50V, 100mA, 250mW, R1/R2=4.7k/4.7k	SC-59	16ta	-	3a	Nxp
011	-	SO2369R	Si-npn	Sw, 40V, 200mA, 330mW, B=40..120, 400MHz	SOT-23	16te	-	3a	Zx
012	-	SO2221R	Si-npn	GP, 60V, 800mA, 500mW, >250MHz, B>20	SOT-23	16te	-	3a	Ste
013	-	SO2222R	Si-npn	GP, 60V, 800mA, 350mW, B=100..300, >300MHz	SOT-23	16te	-	3a	Ste
018	-	SO1711R	Si-npn	GP. 75V, 1A, 1W, >70MHz	SOT-23	16te	-	3a	Zx
01A	-	APR3001-15A	Vdet-IC	1.5V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01A	-	RA101C	Si-pnp-Digi	Sw, 50V, 100mA, 200mW, 250MHz, R1/R2=47k/47k	SOT-23	16ta	-	3a	San
01B	-	APR3001-17A	Vdet-IC	1.75V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01C	-	APR3001-23A	Vdet-IC	2.32V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01C	-	RC101C	Si-npn-Digi	Sw, 50V, 100mA, 200mW, 250MHz, R1/R2=47k/47k	SOT-23	16ta	-	3a	San
01D	-	APR3001-26A	Vdet-IC	2.63V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01E	-	APR3001-29A	Vdet-IC	2.93V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01F	-	APR3001-30A	Vdet-IC	3.08V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01G	-	APR3001-39A	Vdet-IC	3.9V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01H	-	APR3001-43A	Vdet-IC	4.38V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
01J	-	APR3001-46A	Vdet-IC	4.63V±1.5%, -Reset PPO	SOT-23	16vdb	VD7	3b	Anp
02	-	AP8822C-42GA	Vdet-IC	4.2V±2%, -Reset PPO, 200ms, Halogen-fre	SOT-23	16vdc	VD7	3bb	Anw
02	-	AP8822C-42GT	Vdet-IC	4.2V±2%, -Reset PPO, 200ms, Halogen-fre	SC-70	16vdc	VD7	3bb	Anw
02	-	AP8822C-42PA	Vdet-IC	4.2V±2%, -Reset PPO, 200ms	SOT-23	16vdc	VD7	3b	Anw
02	-	AP8822C-42PT	Vdet-IC	4.2V±2%, -Reset PPO, 200ms	SC-70	16vdc	VD7	3b	Anw
02	-	BSX39	Si-npn	Sw, Driver, 45V, 0.2A, <12/18ns	SOT-23	16te	-	3a	Mot
02	-	PDTC143EE	Si-npn-Digi	Sw, 50V, 100mA, 150mW, R1/R2=4.7k/4.7k	SOT-416	16ta	-	3a	Nxp
02	-	PDTC143EK	Si-npn-Digi	Sw, 50V, 100mA, 250mW, R1/R2=4.7k/4.7k	SC-59	16ta	-	3a	Nxp
02	de	2N7002	n-MOSFET	TMOS, 60V, 115mA, 225mW, <7.5Ω(500mA), 20/40ns	SOT-23	16fh	-	3b	Sec
02¯	-	2N7002	n-MOSFET	TMOS, 60V, 115mA, 225mW, <7.5Ω(500mA), 20/40ns	SOT-23	16fh	-	3b	Frm
020	-	SO1711AR	Si-npn	GP. 75V, 1A, 1W, >70MHz	SOT-23	16te	-	3a	Zx
020	-	SO2222AR	Si-npn	GP, 75V, 600mA, 330mW, B=120..360, >300MHz	SOT-23	16te	-	3a	Ste
026	-	ZXTP25140BFH	Si-pnp	Sw, HV, Drv, 180V, 1A, 730mW, B=100..300, 75MHz	SOT-23	16ta	-	3a	Zx
027	-	SO1893R	Si-npn	AF, Sw, 120V, 500mA, 800mW, 70MHz	SOT-23	16te	-	3a	Ste
02A	-	APR3002-15A	Vdet-IC	1.5V±1.5%, +Reset PPO	SOT-23	16vdb	VD7	3b	Anp
02C	-	APR3002-23A	Vdet-IC	2.32V±1.5%, +Reset PPO	SOT-23	16vdb	VD7	3b	Anp
02D	-	APR3002-26A	Vdet-IC	2.63V±1.5%, +Reset PPO	SOT-23	16vdb	VD7	3b	Anp
02E	-	APR3002-29A	Vdet-IC	2.93V±1.5%, +Reset PPO	SOT-23	16vdb	VD7	3b	Anp
02F	-	APR3002-30A	Vdet-IC	3.08V±1.5%, +Reset PPO	SOT-23	16vdb	VD7	3b	Anp
02F	-	CH493DPT	Si-diode	Dual, SBD, 40V, 400mA, Vf<0.5V(200mA)	SOT-23	16dg	-	3a	Chm
02G	-	APR3002-39A	Vdet-IC	3.9V±1.5%, +Reset PPO	SOT-23	16vdb	VD7	3b	Anp

SECTION 4

SOT-223 case SMD semiconductor components



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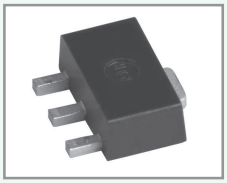
SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
01N60C3	-	SPN01N60C3	n-MOSFET	HV, LogL, 650V, 300mA, 1.8W, 5.5Ω(500mA), 45/60ns	SOT-223	21f2	-	4k	Inf
02N60C3	-	SPN02N60C3	n-MOSFET	HV, LogL, 600V, 400mA, 1.8W, 2.0Ω(1.1A), 6/68ns	SOT-223	21f2	-	4k	Inf
02N60S5	-	SPN02N60S5	n-MOSFET	HV, LogL, 600V, 400mA, 1.8W, 2.5Ω(1.1A), 30/110ns	SOT-223	21f2	-	4k	Inf
03N60C3	-	SPN03N60C3	n-MOSFET	HV, LogL, 650V, 700mA, 1.8W, 1.2Ω(2A), 7/64ns	SOT-223	21f2	-	4k	Inf
03N60S5	-	SPN03N60S5	n-MOSFET	HV, LogL, 600V, 700mA, 1.8W, 1.2Ω(2A), 35/120ns	SOT-223	21f2	-	4k	Inf
0410	-	SSM0410	n-MOSFET	Sw, 100V, 3.5A, 2.7W, Rds=220mΩ(2.6A), 9/26.8ns	SOT-223	21fi	-	4rb	Sec
04N60S5	-	SPN04N60S5	n-MOSFET	HV, LogL, 600V, 800mA, 1.8W, 0.8Ω(2.8A), 40/130ns	SOT-223	21f2	-	4k	Inf
103MN	-	Z0103MN	Triac	600V, 1A, 1W, Vtm<1.56V, <Igt>3mA	SOT-223	21hz	-	4s	Ons
107MN	-	Z0107MN	Triac	600V, 1A, 1W, Vtm<1.56V, Igt>5mA	SOT-223	21hz	-	4s	Ons
109MN	-	Z0109MN	Triac	600V, 1A, 1W, Vtm<1.56V, Igt>10mA	SOT-223	21hz	-	4s	Ons
1116	-	SL1116VADJ	LVR-IC	LDO, Adjustable 1.25..13.8V, 600mA	SOT-223	21cn	VR20	4rb	Sec
111615	-	SL1116-1.5V	LVR-IC	LDO, 1.5V±1%, 600mA	SOT-223	21cg	VR1	4rb	Sec
111618	-	SL1116-1.8V	LVR-IC	LDO, 1.8V±1%, 600mA	SOT-223	21cg	VR1	4rb	Sec
111625	-	SL1116-2.5V	LVR-IC	LDO, 2.5V±1%, 600mA	SOT-223	21cg	VR1	4rb	Sec
111633	-	SL1116-3.3V	LVR-IC	LDO, 3.3V±1%, 600mA	SOT-223	21cg	VR1	4rb	Sec
111650	-	SL1116-5.0V	LVR-IC	LDO, 5.0V±1%, 600mA	SOT-223	21cg	VR1	4rb	Sec
1117	-	LT1117CST	LVR-IC	LDO, Adjustable 1.5..15V, 800mA	SOT-223	21wc	VR20	4r	Ltc
11172	-	LT1117CST-2.85	LVR-IC	LDO, 2.85V±1%V, 800mA	SOT-223	21wb	VR1	4r	Ltc
11173	-	LT1117CST-3.3	LVR-IC	LDO, 3.3V±1%, 800mA	SOT-223	21wb	VR1	4r	Ltc
11175	-	LT1117CST-5	LVR-IC	LDO, 5.0V±1%, 800mA	SOT-223	21wb	VR1	4r	Ltc
1117C1.2	-	LM1117S-1.2V	LVR-IC	LDO, 1.2V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117C1.5	-	LM1117S-1.5V	LVR-IC	LDO, 1.5V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117C1.8	-	LM1117S-1.8V	LVR-IC	LDO, 1.8V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117C2.5	-	LM1117S-2.5V	LVR-IC	LDO, 2.5V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117C2.85	-	LM1117S-2.85V	LVR-IC	LDO, 2.85V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117C3.3	-	LM1117S-3.3V	LVR-IC	LDO, 3.3V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117C5.0	-	LM1117S-5.0V	LVR-IC	LDO, 5.0V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117CADJ	-	LM1117S-ADJ	LVR-IC	LDO, Adjustable 1.25..13.8V, 1A	SOT-223	21cn	VR20	4r	Htc
1117GC1.2	-	LM1117GS-1.2V	LVR-IC	LDO, 1.2V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117GC1.5	-	LM1117GS-1.5V	LVR-IC	LDO, 1.5V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117GC1.8	-	LM1117GS-1.8V	LVR-IC	LDO, 1.8V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117GC2.5	-	LM1117GS-2.5V	LVR-IC	LDO, 2.5V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117GC2.85	-	LM1117GS-2.85V	LVR-IC	LDO, 2.85V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117GC3.3	-	LM1117GS-3.3V	LVR-IC	LDO, 3.3V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117GC5.0	-	LM1117GS-5.0V	LVR-IC	LDO, 5.0V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117GCADJ	-	LM1117GS-ADJ	LVR-IC	LDO, Adjustable 1.25..13.8V, 1A	SOT-223	21cn	VR20	4r	Htc
1117Q1.2	-	LM1117QS-1.2V	LVR-IC	LDO, 1.2V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117Q1.5	-	LM1117QS-1.5V	LVR-IC	LDO, 1.5V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117Q1.8	-	LM1117QS-1.8V	LVR-IC	LDO, 1.8V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117Q2.5	-	LM1117QS-2.5V	LVR-IC	LDO, 2.5V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117Q2.85	-	LM1117QS-2.85V	LVR-IC	LDO, 2.85V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117Q3.3	-	LM1117QS-3.3V	LVR-IC	LDO, 3.3V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117Q5.0	-	LM1117QS-5.0V	LVR-IC	LDO, 5.0V±1%, 1A	SOT-223	21cg	VR1	4r	Htc
1117QADJ	-	LM1117QS-ADJ	LVR-IC	LDO, Adjustable 1.25..13.8V, 1A	SOT-223	21cn	VR20	4r	Htc
1118	-	SL1118ADJ	LVR-IC	LDO, Adjustable 0.8..5.0V±2%, 800mA	SOT-223	21cn	VR20	4rb	Sec
111815	-	SL1118-1.5	LVR-IC	LDO, 1.5V±2%, 800mA	SOT-223	21cg	VR1	4rb	Sec
111818	-	SL1118-1.8	LVR-IC	LDO, 1.8V±2%, 800mA	SOT-223	21cg	VR1	4rb	Sec
111825	-	SL1118-2.5	LVR-IC	LDO, 2.5V±2%, 800mA	SOT-223	21cg	VR1	4rb	Sec
111833	-	SL1118-3.3	LVR-IC	LDO, 3.3V±2%, 800mA	SOT-223	21cg	VR1	4rb	Sec
111850	-	SL1118-5.0	LVR-IC	LDO, 5.0V±2%, 800mA	SOT-223	21cg	VR1	4rb	Sec
117-2	-	NCP1117ST20T3	LVR-IC	LDO, 2.0V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
117-2V	-	NCV1117ST20T3	LVR-IC	LDO, 2.0V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
117-5	-	NCP1117ST50T3	LVR-IC	LDO, 5.0V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
117-5V	-	NCV1117ST50T3	LVR-IC	LDO, 5.0V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
117-A	-	NCP1117STAT3	LVR-IC	LDO, Adjustable 2..12V, 800mA	SOT-223	21wc	VR20	4s	Ons
117-AV	-	NCV1117STAT3	LVR-IC	LDO, Adjustable 2..12V, 800mA	SOT-223	21wc	VR20	4s	Ons
157	-	PZT157	Si-pnp	AF, Sw, 80V, 3A, 2W, B=100..300, 140MHz	SOT-223	21tm	-	4rb	Sec
158	-	PZT158	Si-npn	AF, Sw, 150V, 3A, 3W, B=100..300, 130MHz	SOT-223	21tm	-	4rb	Sec
159	-	PZT159	Si-pnp	AF, Sw, 100V, 5A, 3W, B=100..300, 120MHz	SOT-223	21tm	-	4rb	Sec
17-12	-	NCP1117ST12T3	LVR-IC	LDO, 12V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-12V	-	NCV1117ST12T3	LVR-IC	LDO, 12V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-15	-	NCP1117ST15T3	LVR-IC	LDO, 1.5V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-15V	-	NCV1117ST15T3	LVR-IC	LDO, 1.5V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-18	-	NCP1117ST18T3	LVR-IC	LDO, 1.8V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-18V	-	NCV1117ST18T3	LVR-IC	LDO, 1.8V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-25	-	NCP1117ST25T3	LVR-IC	LDO, 2.5V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-25V	-	NCV1117ST25T3	LVR-IC	LDO, 2.5V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-33	-	NCP1117ST33T3	LVR-IC	LDO, 3.3V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
17-33V	-	NCV1117ST33T3	LVR-IC	LDO, 3.3V±1%, 800mA	SOT-223	21wb	VR1	4s	Ons
1824S08	-	MCP1824ST-0802E/DB	LVR-IC	LDO, 0.8V±2%, 300mA	SOT-223	21eu	VR1	4wa	Mcc

SECTION 5

SOT-89 case SMD semiconductor components



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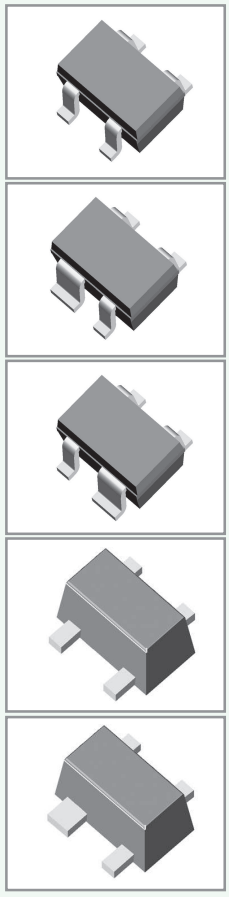
SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
000	-	ELM85101A	LVR-IC	LDO, 1.0V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
008	-	ELM85081A	LVR-IC	LDO, 0.8V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
009	-	ELM85091A	LVR-IC	LDO, 0.9±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00A	-	ELM85111A	LVR-IC	LDO, 1.1V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00B	-	ELM85121A	LVR-IC	LDO, 1.2V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00C	-	ELM85131A	LVR-IC	LDO, 1.3V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00D	-	ELM85141A	LVR-IC	LDO, 1.4V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00E	-	ELM85151A	LVR-IC	LDO, 1.5V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00F	-	ELM85161A	LVR-IC	LDO, 1.6V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00G	-	ELM85171A	LVR-IC	LDO, 1.7V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00H	-	ELM85181A	LVR-IC	LDO, 1.8V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00J	-	ELM85191A	LVR-IC	LDO, 1.9V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00K	-	ELM85201A	LVR-IC	LDO, 2.0V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00L	-	ELM85211A	LVR-IC	LDO, 2.1V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00M	-	ELM85221A	LVR-IC	LDO, 2.2V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00N	-	ELM85231A	LVR-IC	LDO, 2.3V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00P	-	ELM85241A	LVR-IC	LDO, 2.4V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00Q	-	ELM85251A	LVR-IC	LDO, 2.5V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00R	-	ELM85261A	LVR-IC	LDO, 2.6V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00S	-	ELM85271A	LVR-IC	LDO, 2.7V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00T	-	ELM85281A	LVR-IC	LDO, 2.8V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00U	-	ELM85291A	LVR-IC	LDO, 2.9V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
00V	-	ELM85301A	LVR-IC	LDO, 3.0V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01	-	Gali-1	MMIC	RF amplifier, DC..8GHz, 11dB (50Ω)	SOT-89	20aa	A1	4b	Mc
010	-	ELM85401A	LVR-IC	LDO, 4.0V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
011	-	ELM85311A	LVR-IC	LDO, 3.1V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
012	-	ELM85321A	LVR-IC	LDO, 3.2V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
013	-	ELM85331A	LVR-IC	LDO, 3.3V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
014	-	ELM85341A	LVR-IC	LDO, 3.4V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
015	-	ELM85351A	LVR-IC	LDO, 3.5V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
016	-	ELM85361A	LVR-IC	LDO, 3.6V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
017	-	ELM85371A	LVR-IC	LDO, 3.7V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
018	-	ELM85381A	LVR-IC	LDO, 3.8V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
019	-	ELM85391A	LVR-IC	LDO, 3.9V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01A	-	ELM85411A	LVR-IC	LDO, 4.1V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01B	-	ELM85421A	LVR-IC	LDO, 4.2V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01C	-	ELM85431A	LVR-IC	LDO, 4.3V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01D	-	ELM85441A	LVR-IC	LDO, 4.4V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01E	-	ELM85451A	LVR-IC	LDO, 4.5V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01F	-	ELM85461A	LVR-IC	LDO, 4.6V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01G	-	ELM85471A	LVR-IC	LDO, 4.7V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01H	-	ELM85481A	LVR-IC	LDO, 4.8V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01J	-	ELM85491A	LVR-IC	LDO, 4.9V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
01K	-	ELM85501A	LVR-IC	LDO, 5.0V±2%, 800mA	SOT-89	20vl	VR1	4c	Elm
02	-	Gali-2	MMIC	RF amplifier, DC..8GHz, 15.1dB (50Ω)	SOT-89	20aa	A1	4b	Mc
03	-	Gali-3	MMIC	RF amplifier, DC..3GHz, 15.8dB (50Ω)	SOT-89	20aa	A1	4b	Mc
04	-	Gali-4	MMIC	RF amplifier, DC..4GHz, 13.1dB (50Ω)	SOT-89	20aa	A1	4b	Mc
047	-	FCX1047A	Si-npn	Hi-beta, Lo-sat, 35V, 4A, 2W, B=450..1200, 150MHz	SOT-89	20tb	-	4b	Zx
04F	-	Gali-4F	MMIC	RF amplifier, DC..4GHz, 13.2dB (50Ω)	SOT-89	20aa	A1	4b	Mc
05	-	Gali-5	MMIC	RF amplifier, DC..4GHz, 15.1dB (50Ω)	SOT-89	20aa	A1	4b	Mc
051	-	FCX1051A	Si-npn	Hi-beta, Lo-sat, 150V, 3A, 2W, B=450..1200, 155MHz	SOT-89	20tb	-	4b	Zx
053	-	FCX1053A	Si-npn	Hi-beta, Lo-sat, 150V, 3A, 1W, B=100..1200, 140MHz	SOT-89	20tb	-	4b	Zx
05F	-	Gali-5F	MMIC	RF amplifier, DC..4GHz, 15.1dB (50Ω)	SOT-89	20aa	A1	4b	Mc
06	-	Gali-6	MMIC	RF amplifier, DC..4GHz, 12.3dB (50Ω)	SOT-89	20aa	A1	4b	Mc
06F	-	Gali-6F	MMIC	RF amplifier, DC..4GHz, 12.3dB (50Ω)	SOT-89	20aa	A1	4b	Mc
09	-	ELM9709NAB	Vdet-IC	0.9V±2.5%, +Reset ODO	SOT-89	20vda	VD6	4a	Elm
095	-	AP6209-12GL	LVR-IC	LDO, 1.2V±2%, 250mA, Halogen-free	SOT-89	20vl	VR1	4pb	Anw
095	-	AP6209-12PL	LVR-IC	LDO, 1.2V±2%, 250mA	SOT-89	20vl	VR1	4pa	Anw
098	-	AP6209-15GL	LVR-IC	LDO, 1.5V±2%, 250mA, Halogen-free	SOT-89	20vl	VR1	4pb	Anw
098	-	AP6209-15PL	LVR-IC	LDO, 1.5V±2%, 250mA	SOT-89	20vl	VR1	4pa	Anw
09A	-	AP6209-18GL	LVR-IC	LDO, 1.8V±2%, 250mA, Halogen-free	SOT-89	20vl	VR1	4pb	Anw
09A	-	AP6209-18PL	LVR-IC	LDO, 1.8V±2%, 250mA	SOT-89	20vl	VR1	4pa	Anw
09B	-	AP6209-BBGL	LVR-IC	LDO, 1.85V±2%, 250mA, Halogen-free	SOT-89	20vl	VR1	4pb	Anw
09B	-	AP6209-BBPL	LVR-IC	LDO, 1.85V±2%, 250mA	SOT-89	20vl	VR1	4pa	Anw
09D	-	AP6209-20GL	LVR-IC	LDO, 2.0V±2%, 250mA, Halogen-free	SOT-89	20vl	VR1	4pb	Anw
09D	-	AP6209-20PL	LVR-IC	LDO, 2.0V±2%, 250mA	SOT-89	20vl	VR1	4pa	Anw
09E	-	AP6209-22GL	LVR-IC	LDO, 2.2V±2%, 250mA, Halogen-free	SOT-89	20vl	VR1	4pb	Anw
09E	-	AP6209-22PL	LVR-IC	LDO, 2.2V±2%, 250mA	SOT-89	20vl	VR1	4pa	Anw
09G	-	AP6209-25GL	LVR-IC	LDO, 2.5V±2%, 250mA, Halogen-free	SOT-89	20vl	VR1	4pb	Anw
09G	-	AP6209-25PL	LVR-IC	LDO, 2.5V±2%, 250mA	SOT-89	20vl	VR1	4pa	Anw

SECTION 6
4-pin case SMD semiconductor components



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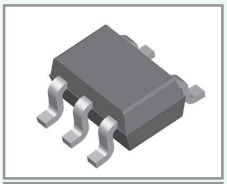
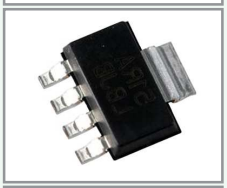
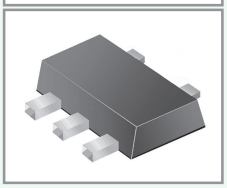
SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
-	gc	ELM7548NCB	Vdet-IC	4.8V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
-	gd	ELM7548CCB	Vdet-IC	4.8V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
#	gc	ELM7541NCB	Vdet-IC	4.1V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
#	gd	ELM7541CCB	Vdet-IC	4.1V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
%MY	-	BF1100	n-MOSFET	Dual gate, VHF, UHF, 14V, 30mA, 200mW	SOT-143	24fd	-	5c	Phi
%MZ	-	BF1100R	n-MOSFET	Dual gate, VHF, UHF, 14V, 30mA, 200mW	SOT-143R	26fm	-	5c	Phi
*	gc	ELM7546NCB	Vdet-IC	4.6V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
*	gd	ELM7546CCB	Vdet-IC	4.6V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
/	gc	ELM7554NCB	Vdet-IC	5.4V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
/	gd	ELM7554CCB	Vdet-IC	5.4V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
+	gc	ELM7547NCB	Vdet-IC	4.7V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
+	gd	ELM7547CCB	Vdet-IC	4.7V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
<	gc	ELM7553NCB	Vdet-IC	5.3V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
<	gd	ELM7553CCB	Vdet-IC	5.3V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
=	gc	ELM7544NCB	Vdet-IC	4.4V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
=	gd	ELM7544CCB	Vdet-IC	4.4V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
>	gc	ELM7549NCB	Vdet-IC	4.9V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
>	gd	ELM7549CCB	Vdet-IC	4.9V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
0.	gc	ELM7552NCB	Vdet-IC	5.2V±2%, +Reset ODO	SC-82AB	26vdl	VD6	5c	Elm
0.	gd	ELM7552CCB	Vdet-IC	5.2V±2%, +Reset PPO	SC-82AB	26vdl	VD7	5c	Elm
00	-	AP8822C-40GI	Vdet-IC	4.0V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82	26vdl	VD7	5ga	Anw
00	-	AP8822C-40GS	Vdet-IC	4.0V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82S	90vdl	VD7	5ga	Anw
00	-	AP8822C-40PI	Vdet-IC	4.0V±2%, -Reset PPO, 200ms	SC-82	26vdl	VD7	5g	Anw
00	-	AP8822C-40PS	Vdet-IC	4.0V±2%, -Reset PPO, 200ms	SC-82S	90vdl	VD7	5g	Anw
00	-	XC6127N55ANR	Vdet-IC	5.5V±0.8%, -Reset ODO, -MR, Rt=50ms	SSOT-24	26cr	VD4	5k	Tor
00	-	XC6221C081NR	LVR-IC	LDO, 0.8V±20mV, 200mA, +CE, PDR	SSOT-24	26vn	VR4	5m	Tor
00	-	XC6225A12ANR-G	LVR-IC	LDO, 1.25V±30mV, 30mA, +CE	SSOT-24	26vn	VR4	5a	Tor
01	-	AP8822C-41GI	Vdet-IC	4.1V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82	26vdl	VD7	5ga	Anw
01	-	AP8822C-41GS	Vdet-IC	4.1V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82S	90vdl	VD7	5ga	Anw
01	-	AP8822C-41PI	Vdet-IC	4.1V±2%, -Reset PPO, 200ms	SC-82	26vdl	VD7	5g	Anw
01	-	AP8822C-41PS	Vdet-IC	4.1V±2%, -Reset PPO, 200ms	SC-82S	90vdl	VD7	5g	Anw
01	-	MRF9011	Si-npn	UHF, 25V, 30mA, 300mW, B=30..200, 3.8GHz	SOT-143	24tc	-	5c	Mot
01	-	XC6221C091NR	LVR-IC	LDO, 0.9V±20mV, 200mA, +CE, PDR	SSOT-24	26vn	VR4	5m	Tor
01	-	XC6225A132NR-G	LVR-IC	LDO, 1.3V±30mV, 30mA, +CE	SSOT-24	26vn	VR4	5a	Tor
02	-	AP8822C-42GI	Vdet-IC	4.2V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82	26vdl	VD7	5ga	Anw
02	-	AP8822C-42GS	Vdet-IC	4.2V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82S	90vdl	VD7	5ga	Anw
02	-	AP8822C-42PI	Vdet-IC	4.2V±2%, -Reset PPO, 200ms	SC-82	26vdl	VD7	5g	Anw
02	-	AP8822C-42PS	Vdet-IC	4.2V±2%, -Reset PPO, 200ms	SC-82S	90vdl	VD7	5g	Anw
02	-	MRF5711	Si-npn	UHF, 20V, 80mA, 580mW, B=50..300, 8GHz	SOT-143	24tc	-	5c	Mot
02	-	XC6221C101NR	LVR-IC	LDO, 1.0V±20mV, 200mA, +CE, PDR	SSOT-24	26vn	VR4	5m	Tor
02	-	XC6225A13ANR-G	LVR-IC	LDO, 1.35V±30mV, 30mA, +CE	SSOT-24	26vn	VR4	5a	Tor
03	-	AP8822C-43GI	Vdet-IC	4.3V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82	26vdl	VD7	5ga	Anw
03	-	AP8822C-43GS	Vdet-IC	4.3V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82S	90vdl	VD7	5ga	Anw
03	-	AP8822C-43PI	Vdet-IC	4.3V±2%, -Reset PPO, 200ms	SC-82	26vdl	VD7	5g	Anw
03	-	AP8822C-43PS	Vdet-IC	4.3V±2%, -Reset PPO, 200ms	SC-82S	90vdl	VD7	5g	Anw
03	-	VAM-3	MMIC	RF amplifier, DC..2GHz, 7.5dB (50Ω)	SOT-143	24aa	A1	5c	Mc
03	-	XC6221C111NR	LVR-IC	LDO, 1.1V±20mV, 200mA, +CE, PDR	SSOT-24	26vn	VR4	5m	Tor
03	-	XC6225A142NR-G	LVR-IC	LDO, 1.4V±30mV, 30mA, +CE	SSOT-24	26vn	VR4	5a	Tor
04	-	AP8822C-44GI	Vdet-IC	4.4V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82	26vdl	VD7	5ga	Anw
04	-	AP8822C-44GS	Vdet-IC	4.4V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82S	90vdl	VD7	5ga	Anw
04	-	AP8822C-44PI	Vdet-IC	4.4V±2%, -Reset PPO, 200ms	SC-82	26vdl	VD7	5g	Anw
04	-	AP8822C-44PS	Vdet-IC	4.4V±2%, -Reset PPO, 200ms	SC-82S	90vdl	VD7	5g	Anw
04	-	MRF4427	Si-npn	UHF, 40V, 400mA, 220mW, B=10..200, 1.6GHz	SOT-143	24tc	-	5c	Mot
04	-	MRF5211	Si-pnp	UHF, 20V, 70mA, 333mW, B=25..125, 4.2GHz	SOT-143	24tc	-	5c	Mot
04	-	XC6221C121NR	LVR-IC	LDO, 1.2V±20mV, 200mA, +CE, PDR	SSOT-24	26vn	VR4	5m	Tor
04	-	XC6225A14ANR-G	LVR-IC	LDO, 1.45V±30mV, 30mA, +CE	SSOT-24	26vn	VR4	5a	Tor
05	-	AP8822C-45GI	Vdet-IC	4.5V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82	26vdl	VD7	5ga	Anw
05	-	AP8822C-45GS	Vdet-IC	4.5V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82S	90vdl	VD7	5ga	Anw
05	-	AP8822C-45PI	Vdet-IC	4.5V±2%, -Reset PPO, 200ms	SC-82	26vdl	VD7	5g	Anw
05	-	AP8822C-45PS	Vdet-IC	4.5V±2%, -Reset PPO, 200ms	SC-82S	90vdl	VD7	5g	Anw
05	-	MRF9331	Si-npn	UHF, 15V, 2mA, 50mW, B=30..200, 5GHz	SOT-143	24tc	-	5c	Mot
05	-	XC6221C131NR	LVR-IC	LDO, 1.3V±20mV, 200mA, +CE, PDR	SSOT-24	26vn	VR4	5m	Tor
05	-	XC6225A152NR-G	LVR-IC	LDO, 1.5V±2%, 30mA, +CE	SSOT-24	26vn	VR4	5a	Tor
05F	-	TSDF1205R	Si-npn	UHF-VHF, LN, 9V, 12mA, 40mW, B=50..250, 12GHz	SOT-143R	26tu	-	5b	Vs
06	-	AP8822C-46GI	Vdet-IC	4.6V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82	26vdl	VD7	5ga	Anw
06	-	AP8822C-46GS	Vdet-IC	4.6V±2%, -Reset PPO, 200ms, Halogen-fre	SC-82S	90vdl	VD7	5ga	Anw
06	-	AP8822C-46PI	Vdet-IC	4.6V±2%, -Reset PPO, 200ms	SC-82	26vdl	VD7	5g	Anw
06	-	AP8822C-46PS	Vdet-IC	4.6V±2%, -Reset PPO, 200ms	SC-82S	90vdl	VD7	5g	Anw
06	-	VAM-6	MMIC	RF amplifier, DC..2GHz, 8dB (50Ω)	SOT-143	24aa	A1	5c	Mc
06	-	XC6221C141NR	LVR-IC	LDO, 1.4V±20mV, 200mA, +CE, PDR	SSOT-24	26vn	VR4	5m	Tor

SECTION 7
5-pin case SMD semiconductor components







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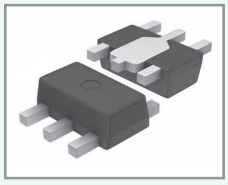
SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
+ACAB	-	MAX999EUK-T	Comp-IC	U-High Speed, Vcc=2.7..5.5V, Icco=5mA, <5ns	SOT-23-5	28opa	OP1	6k	Max
+AFEI	-	MAX999AAUK+T	Comp-IC	U-High Speed, Vcc=2.7..5.5V, Icco=5mA, <5ns	SOT-23-5	28opa	OP1	6k	Max
00	-	R1223N252A	DC-DC-IC	PWM/VFM step-down, +CE, 2.5V±2%, 300kHz, Latch-prot.	SOT-23-5	28ud	DC7	6g	Ric
00	-	RN5RF50BA	LVR-IC	LRip, +CE, 5V±2%, 1A*	SOT-23-5	28vw	VR6	6g	Ric
00	-	RN5RZ50BA	LVR-IC	LDO, LN, 5V±2%, 100mA, +CE	SOT-23-5	28vrt	VR4	6g	Ric
000	ej	XC6101A131MR	Vdet-IC	3.1V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
001	ej	XC6101A132MR	Vdet-IC	3.2V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
002	ej	XC6101A133MR	Vdet-IC	3.3V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
003	ej	XC6101A134MR	Vdet-IC	3.4V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
004	ej	XC6101A135MR	Vdet-IC	3.5V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
005	ej	XC6101A136MR	Vdet-IC	3.6V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
006	ej	XC6101A137MR	Vdet-IC	3.7V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
007	ej	XC6101A138MR	Vdet-IC	3.8V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
008	-	R1160N081A	LVR-IC	LDO, 0.8V±2%, 200mA, -CE, AE(Mode)	SOT-23-5	28x9	VR10	6g	Ric
008	ej	XC6101A139MR	Vdet-IC	3.9V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
009	-	R1160N091A	LVR-IC	LDO, 0.9V±2%, 200mA, -CE, AE(Mode)	SOT-23-5	28x9	VR10	6g	Ric
009	ej	XC6101A140MR	Vdet-IC	4.0V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00A	ej	XC6101A141MR	Vdet-IC	4.1V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00B	ej	XC6101A142MR	Vdet-IC	4.2V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00C	ej	XC6101A143MR	Vdet-IC	4.3V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00D	ej	XC6101A144MR	Vdet-IC	4.4V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00E	-	XC6505A151MR	LVR-IC	LDO, 1.5V±20mV, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00E	ej	XC6101A145MR	Vdet-IC	4.5V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00F	-	XC6505A161MR	LVR-IC	LDO, 1.6V±20mV, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00F	ec	XC6101A116MR	Vdet-IC	1.6V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00F	ej	XC6101A146MR	Vdet-IC	4.6V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00H	-	XC6505A171MR	LVR-IC	LDO, 1.7V±20mV, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00H	ec	XC6101A117MR	Vdet-IC	1.7V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00H	ej	XC6101A147MR	Vdet-IC	4.7V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00K	-	XC6505A181MR	LVR-IC	LDO, 1.8V±20mV, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00K	ec	XC6101A118MR	Vdet-IC	1.8V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00K	ej	XC6101A148MR	Vdet-IC	4.8V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00L	-	XC6505A191MR	LVR-IC	LDO, 1.9V±20mV, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00L	ec	XC6101A119MR	Vdet-IC	1.9V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00L	ej	XC6101A149MR	Vdet-IC	4.9V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00M	-	XC6505A201MR	LVR-IC	LDO, 2.0V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00M	ec	XC6101A120MR	Vdet-IC	2.0V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00M	ej	XC6101A150MR	Vdet-IC	5.0V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00N	-	XC6505A211MR	LVR-IC	LDO, 2.1V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00N	ec	XC6101A121MR	Vdet-IC	2.1V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00P	-	XC6505A221MR	LVR-IC	LDO, 2.2V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00P	ec	XC6101A122MR	Vdet-IC	2.2V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00R	-	XC6505A231MR	LVR-IC	LDO, 2.3V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00R	ec	XC6101A123MR	Vdet-IC	2.3V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00S	-	XC6505A241MR	LVR-IC	LDO, 2.4V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00S	ec	XC6101A124MR	Vdet-IC	2.4V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00T	-	XC6505A251MR	LVR-IC	LDO, 2.5V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00T	ec	XC6101A125MR	Vdet-IC	2.5V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00U	-	XC6505A261MR	LVR-IC	LDO, 2.6V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00U	ec	XC6101A126MR	Vdet-IC	2.6V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00V	-	XC6505A271MR	LVR-IC	LDO, 2.7V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00V	ec	XC6101A127MR	Vdet-IC	2.7V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00X	-	XC6505A281MR	LVR-IC	LDO, 2.8V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00X	ec	XC6101A128MR	Vdet-IC	2.8V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00Y	-	XC6505A291MR	LVR-IC	LDO, 2.9V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00Y	ec	XC6101A129MR	Vdet-IC	2.9V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
00Z	-	XC6505A301MR	LVR-IC	LDO, 3.0V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
00Z	ec	XC6101A130MR	Vdet-IC	3.0V±2%, Hst, -MR, -Reset PPO, Wt=6.25ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
01	-	R1223N152C	DC-DC-IC	PWM step-down, +CE, 1.5V±2%, 300kHz, Latch-prot.	SOT-23-5	28ud	DC7	6g	Ric
01	-	RN5RF51BA	LVR-IC	LRip, +CE, 5.1V±2%, 1A*	SOT-23-5	28vw	VR6	6g	Ric
01	-	RN5RZ51BA	LVR-IC	LDO, LN, 5.1V±2%, 100mA, +CE	SOT-23-5	28vrt	VR4	6g	Ric
010	-	R1160N101A	LVR-IC	LDO, 1.0V±2%, 200mA, -CE, AE(Mode)	SOT-23-5	28x9	VR10	6g	Ric
010	-	XC6505A311MR	LVR-IC	LDO, 3.1V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
010	ej	XC6101A231MR	Vdet-IC	3.1V±2%, Hst, -MR, -Reset PPO, Wt=50ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
011	-	R1160N111A	LVR-IC	LDO, 1.1V±2%, 200mA, -CE, AE(Mode)	SOT-23-5	28x9	VR10	6g	Ric
011	-	XC6505A321MR	LVR-IC	LDO, 3.2V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
011	ej	XC6101A232MR	Vdet-IC	3.2V±2%, Hst, -MR, -Reset PPO, Wt=50ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor
012	-	R1160N121A	LVR-IC	LDO, 1.2V±2%, 200mA, -CE, AE(Mode)	SOT-23-5	28x9	VR10	6g	Ric
012	-	XC6505A331MR	LVR-IC	LDO, 3.3V±1%, 200mA, +CE	SOT-25	28cx	VR4	6g	Tor
012	ej	XC6101A233MR	Vdet-IC	3.3V±2%, Hst, -MR, -Reset PPO, Wt=50ms, Rt=3.13ms	SOT-25	28cp	VD17	6g	Tor

SECTION 8

SOT-89-5 case SMD semiconductor components



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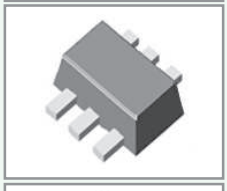
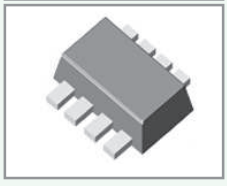
SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
00E	-	XC6505A151PR	LVR-IC	LDO, 1.5V±20mV, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00F	-	XC6505A161PR	LVR-IC	LDO, 1.6V±20mV, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00H	-	XC6505A171PR	LVR-IC	LDO, 1.7V±20mV, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00K	-	XC6505A181PR	LVR-IC	LDO, 1.8V±20mV, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00L	-	XC6505A191PR	LVR-IC	LDO, 1.9V±20mV, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00M	-	XC6505A201PR	LVR-IC	LDO, 2.0V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00N	-	XC6505A211PR	LVR-IC	LDO, 2.1V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00P	-	XC6505A221PR	LVR-IC	LDO, 2.2V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00R	-	XC6505A231PR	LVR-IC	LDO, 2.3V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00S	-	XC6505A241PR	LVR-IC	LDO, 2.4V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00T	-	XC6505A251PR	LVR-IC	LDO, 2.5V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00U	-	XC6505A261PR	LVR-IC	LDO, 2.6V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00V	-	XC6505A271PR	LVR-IC	LDO, 2.7V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00X	-	XC6505A281PR	LVR-IC	LDO, 2.8V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00Y	-	XC6505A291PR	LVR-IC	LDO, 2.9V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
00Z	-	XC6505A301PR	LVR-IC	LDO, 3.0V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
010	-	XC6505A311PR	LVR-IC	LDO, 3.1V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
011	-	XC6505A321PR	LVR-IC	LDO, 3.2V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
012	-	XC6505A331PR	LVR-IC	LDO, 3.3V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
013	-	XC6505A341PR	LVR-IC	LDO, 3.4V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
014	-	XC6505A351PR	LVR-IC	LDO, 3.5V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
015	-	XC6505A361PR	LVR-IC	LDO, 3.6V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
016	-	XC6505A371PR	LVR-IC	LDO, 3.7V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
017	-	XC6505A381PR	LVR-IC	LDO, 3.8V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
018	-	XC6505A391PR	LVR-IC	LDO, 3.9V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
019	-	XC6505A401PR	LVR-IC	LDO, 4.0V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01A	-	XC6505A411PR	LVR-IC	LDO, 4.1V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01B	-	XC6505A421PR	LVR-IC	LDO, 4.2V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01C	-	XC6505A431PR	LVR-IC	LDO, 4.3V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01D	-	XC6505A441PR	LVR-IC	LDO, 4.4V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01E	-	XC6505A451PR	LVR-IC	LDO, 4.5V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01F	-	XC6505A461PR	LVR-IC	LDO, 4.6V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01H	-	XC6505A471PR	LVR-IC	LDO, 4.7V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01K	-	XC6505A481PR	LVR-IC	LDO, 4.8V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01L	-	XC6505A491PR	LVR-IC	LDO, 4.9V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
01M	-	XC6505A501PR	LVR-IC	LDO, 5.0V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
020	-	ELM85103A	LVR-IC	LDO, 1.0V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
020	-	XC6505A611PR	LVR-IC	LDO, 6.1V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
021	-	XC6505A621PR	LVR-IC	LDO, 6.2V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
022	-	XC6505A631PR	LVR-IC	LDO, 6.3V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
023	-	XC6505A641PR	LVR-IC	LDO, 6.4V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
024	-	XC6505A651PR	LVR-IC	LDO, 6.5V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
025	-	XC6505A661PR	LVR-IC	LDO, 6.6V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
026	-	XC6505A671PR	LVR-IC	LDO, 6.7V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
027	-	XC6505A681PR	LVR-IC	LDO, 6.8V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
028	-	ELM85083A	LVR-IC	LDO, 0.8V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
028	-	XC6505A691PR	LVR-IC	LDO, 6.9V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
029	-	ELM85093A	LVR-IC	LDO, 0.9±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
029	-	XC6505A701PR	LVR-IC	LDO, 7.0V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
02A	-	ELM85113A	LVR-IC	LDO, 1.1V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02B	-	ELM85123A	LVR-IC	LDO, 1.2V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02C	-	ELM85133A	LVR-IC	LDO, 1.3V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02D	-	ELM85143A	LVR-IC	LDO, 1.4V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02E	-	ELM85153A	LVR-IC	LDO, 1.5V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02F	-	ELM85163A	LVR-IC	LDO, 1.6V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02G	-	ELM85173A	LVR-IC	LDO, 1.7V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02H	-	ELM85183A	LVR-IC	LDO, 1.8V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02J	-	ELM85193A	LVR-IC	LDO, 1.9V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02K	-	ELM85203A	LVR-IC	LDO, 2.0V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02L	-	ELM85213A	LVR-IC	LDO, 2.1V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02M	-	ELM85223A	LVR-IC	LDO, 2.2V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02N	-	ELM85233A	LVR-IC	LDO, 2.3V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02N	-	XC6505A511PR	LVR-IC	LDO, 5.1V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
02P	-	ELM85243A	LVR-IC	LDO, 2.4V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02P	-	XC6505A521PR	LVR-IC	LDO, 5.2V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
02Q	-	ELM85253A	LVR-IC	LDO, 2.5V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02R	-	ELM85263A	LVR-IC	LDO, 2.6V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02R	-	XC6505A531PR	LVR-IC	LDO, 5.3V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor
02S	-	ELM85273A	LVR-IC	LDO, 2.7V±2%, 800mA, +CE	SOT-89-5	32vrt	VR4	6h	Elm
02S	-	XC6505A541PR	LVR-IC	LDO, 5.4V±1%, 200mA, +CE	SOT-89-5	32um	VR4	6n	Tor

SECTION 9

6 and more pin case SMD semiconductor components





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SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
+AAAA	-	MAX9718AEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP19	8d	Max
+AAAB	-	MAX9718BEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP20	8d	Max
+AAAC	-	MAX9718CEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP20	8d	Max
+AAAD	-	MAX9718DEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP20	8d	Max
+AAAJ	-	MAX9718EEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP20	8d	Max
+AAAK	-	MAX9718FEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP20	8d	Max
+AAAL	-	MAX9718GEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP20	8d	Max
+AAAM	-	MAX9718HEUB+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	SOP-10	60	AFP20	8d	Max
+ACLW	-	MAX16052AUT+T	Vdet-IC	Adjustable sequencing/supervisory, 2.25..16V, ODO	SOT-23-6	33	-	7b	Max
+ACLX	-	MAX16053AUT+T	Vdet-IC	Adjustable sequencing/supervisory, 2.25..16V, PPO	SOT-23-6	33	-	7b	Max
00	-	KIC7W00FK	CMOS-Log	Dual 2-input NAND gates	US8	47	Log50	8c	Kec
00	-	XC74WL00AASR	CMOS-Log	Dual 2-input NAND gates	MSOP-8B	a6	Log50	8d	Tor
005	-	FAN7005MU	Lin-IC	AF PA, 2.7..5.5V, 2x300mW(5V/8Ω), shutdown	SSOP-8	47	AFP17	8d	F
00B	-	U74HC2G02-SM1	CMOS-Log	Dual 2-input NOR gates	MSOP-8	47	Log53	8d	Utc
00BL	-	U74HC2G02L-SM1	CMOS-Log	Dual 2-input NOR gates	MSOP-8	47	Log53	8d	Utc
00W	-	U74HC2G00-SM1	CMOS-Log	Dual 2-input NAND gates	MSOP-8	47	Log50	8d	Utc
00WL	-	U74HC2G00L-SM1	CMOS-Log	Dual 2-input NAND gates	MSOP-8	47	Log50	8d	Utc
011	-	EC49222-1-B3	LVR-IC	LDO, Dual out, Vout1/Vout2=3.0V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7d	Ecm
011	-	GS6202RQRF	LVR-IC	LDO, Dual out, Vout1/Vout2=3.0V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7b	Glo
012	-	EC49222-2-B3	LVR-IC	LDO, Dual out, Vout1/Vout2=1.8V/3.0V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7d	Ecm
012	-	GS6202RFQF	LVR-IC	LDO, Dual out, Vout1/Vout2=1.8V/3.0V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7b	Glo
013	-	EC49222-3-B3	LVR-IC	LDO, Dual out, Vout1/Vout2=3.0V/3.0V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7d	Ecm
013	-	GS6202RQQF	LVR-IC	LDO, Dual out, Vout1/Vout2=3.0V/3.0V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7b	Glo
014	-	EC49222-4-B3	LVR-IC	LDO, Dual out, Vout1/Vout2=1.3V/2.8V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7d	Ecm
01A	-	EC49222-A-B3	LVR-IC	LDO, Dual out, Vout1/Vout2=3.3V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7d	Ecm
01A	-	GS6202RRRF	LVR-IC	LDO, Dual out, Vout1/Vout2=3.3V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7b	Glo
01B	-	EC49222-B-B3	LVR-IC	LDO, Dual out, Vout1/Vout2=2.8V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7d	Ecm
01B	-	GS6202RJRF	LVR-IC	LDO, Dual out, Vout1/Vout2=2.8V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7b	Glo
01C	-	EC49222-C-B3	LVR-IC	LDO, Dual out, Vout1/Vout2=2.5V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7d	Ecm
01C	-	GS6202RHRF	LVR-IC	LDO, Dual out, Vout1/Vout2=2.5V/3.3V±2%, 250mA, +CE	SOT-23-6L	33x5	VR19	7b	Glo
01C25A	-	XC9101C25ASR	DC-DC-IC	PWM, step-up, 2.5V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C26A	-	XC9101C26ASR	DC-DC-IC	PWM, step-up, 2.6V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C27A	-	XC9101C27ASR	DC-DC-IC	PWM, step-up, 2.7V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C28A	-	XC9101C28ASR	DC-DC-IC	PWM, step-up, 2.8V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C29A	-	XC9101C29ASR	DC-DC-IC	PWM, step-up, 2.9V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C30A	-	XC9101C30ASR	DC-DC-IC	PWM, step-up, 3.0V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C31A	-	XC9101C31ASR	DC-DC-IC	PWM, step-up, 3.1V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C32A	-	XC9101C32ASR	DC-DC-IC	PWM, step-up, 3.2V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C33A	-	XC9101C33ASR	DC-DC-IC	PWM, step-up, 3.3V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C34A	-	XC9101C34ASR	DC-DC-IC	PWM, step-up, 3.4V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C35A	-	XC9101C35ASR	DC-DC-IC	PWM, step-up, 3.5V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C36A	-	XC9101C36ASR	DC-DC-IC	PWM, step-up, 3.6V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C37A	-	XC9101C37ASR	DC-DC-IC	PWM, step-up, 3.7V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C38A	-	XC9101C38ASR	DC-DC-IC	PWM, step-up, 3.8V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C39A	-	XC9101C39ASR	DC-DC-IC	PWM, step-up, 3.9V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C40A	-	XC9101C40ASR	DC-DC-IC	PWM, step-up, 4.0V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C41A	-	XC9101C41ASR	DC-DC-IC	PWM, step-up, 4.1V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C42A	-	XC9101C42ASR	DC-DC-IC	PWM, step-up, 4.2V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C43A	-	XC9101C43ASR	DC-DC-IC	PWM, step-up, 4.3V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C44A	-	XC9101C44ASR	DC-DC-IC	PWM, step-up, 4.4V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C45A	-	XC9101C45ASR	DC-DC-IC	PWM, step-up, 4.5V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C46A	-	XC9101C46ASR	DC-DC-IC	PWM, step-up, 4.6V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C47A	-	XC9101C47ASR	DC-DC-IC	PWM, step-up, 4.7V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C48A	-	XC9101C48ASR	DC-DC-IC	PWM, step-up, 4.8V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C49A	-	XC9101C49ASR	DC-DC-IC	PWM, step-up, 4.9V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C50A	-	XC9101C50ASR	DC-DC-IC	PWM, step-up, 5.0V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C51A	-	XC9101C51ASR	DC-DC-IC	PWM, step-up, 5.1V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C52A	-	XC9101C52ASR	DC-DC-IC	PWM, step-up, 5.2V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C53A	-	XC9101C53ASR	DC-DC-IC	PWM, step-up, 5.3V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C54A	-	XC9101C54ASR	DC-DC-IC	PWM, step-up, 5.4V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C55A	-	XC9101C55ASR	DC-DC-IC	PWM, step-up, 5.5V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C56A	-	XC9101C56ASR	DC-DC-IC	PWM, step-up, 5.6V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C57A	-	XC9101C57ASR	DC-DC-IC	PWM, step-up, 5.7V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C58A	-	XC9101C58ASR	DC-DC-IC	PWM, step-up, 5.8V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C59A	-	XC9101C59ASR	DC-DC-IC	PWM, step-up, 5.9V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C60A	-	XC9101C60ASR	DC-DC-IC	PWM, step-up, 6.0V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C61A	-	XC9101C61ASR	DC-DC-IC	PWM, step-up, 6.1V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C62A	-	XC9101C62ASR	DC-DC-IC	PWM, step-up, 6.2V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C63A	-	XC9101C63ASR	DC-DC-IC	PWM, step-up, 6.3V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor
01C64A	-	XC9101C64ASR	DC-DC-IC	PWM, step-up, 6.4V±2.5%, 1.5A	SOP-8	xd	DC17	8g	Tor

SECTION 10

BGA, DFN and QFN case SMD semiconductor components

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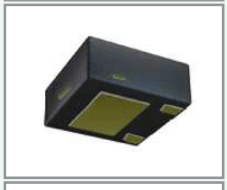
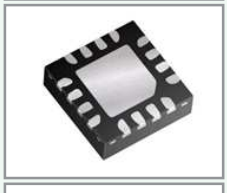
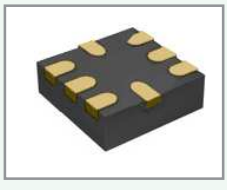
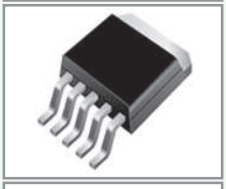






SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
+AAT	-	MAX9724AETC+	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	QFN-12	38	-	9m	Max
+AAU	-	MAX9724BETC+	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	QFN-12	38	-	9m	Max
+AAW	-	MAX9718BETB+T	Lin-IC	AF PA, BTL, 2.7..5.5V 1.4W(5V/4Ω), select shutdown	DFN-10	37	AFP20	9m	Max
+AAX	-	MAX9718CETB+T	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	DFN-10	37	AFP20	9m	Max
+AAY	-	MAX9718DETB+T	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	DFN-10	37	AFP20	9m	Max
+ABJ	-	MAX9724CETC+	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	QFN-12	38	-	9m	Max
+ABK	-	MAX9724DETC+	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	QFN-12	38	-	9m	Max
+ADH	-	MAX9724AEBC+T	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	BGA-12	39	-	9m	Max
+ADI	-	MAX9724BEBC+T	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	BGA-12	39	-	9m	Max
+ADX	-	MAX9718BEBL+TG45	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	BGA-9	39	AFP54	9m	Max
+ADZ	-	MAX9718CEBL+TG45	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	BGA-9	39	AFP54	9m	Max
+AEA	-	MAX9718DEBL+TG45	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	BGA-9	39	AFP54	9m	Max
+AEH	-	MAX9724DEBC+T	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	BGA-12	39	-	9m	Max
+AEV	-	MAX98306ETD+	Lin-IC	AF PA, BTL, 2.7..5.5V, 2x3.7W(5V/4Ω), shutdown	DFN-14	37	-	9a	Max
+AFB	-	MAX9718EEBL+TG45	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	BGA-9	39	AFP54	9m	Max
+AFC	-	MAX9718FEBL+TG45	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	BGA-9	39	AFP54	9m	Max
+AFD	-	MAX9718GEBL+TG45	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	BGA-9	39	AFP54	9m	Max
+AFE	-	MAX9718HEBL+TG45	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	BGA-9	39	AFP54	9m	Max
+AGE	-	MAX9724CEBC+T	Lin-IC	AF PA, 2.7..5.5V, 2x60mW(3V/32Ω), shutdown	BGA-12	39	-	9m	Max
+AIN	-	MAX98307ETE+	Lin-IC	AF PA, BTL, class-D, 2.7..6.6V, 3.3W(5V/3Ω), shutdown	QFN-16	38	-	9a	Max
+AIY	-	MAX98309EWL+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), shutdown	BGA-9	39	-	9a	Max
+AIZ	-	MAX98310EWL+	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), shutdown	BGA-9	39	-	9a	Max
+ASY	-	MAX9718EETB+T	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	DFN-10	37	AFP20	9m	Max
+ASZ	-	MAX9718FETB+T	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	DFN-10	37	AFP20	9m	Max
+ATA	-	MAX9718GETB+T	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	DFN-10	37	AFP20	9m	Max
+ATB	-	MAX9718HETB+T	Lin-IC	AF PA, BTL, 2.7..5.5V, 1.4W(5V/4Ω), select shutdown	DFN-10	37	AFP20	9m	Max
00	-	RP110L081B	LVR-IC	LDO, 0.8V±1%, 150mA, +CE	DFN1010-4	48vm	VR4	9a	Ric
00	-	XC6224A0817R	LVR-IC	LDO, 0.8V±20mV, 150mA, +CE	USPN-4B02	58vm	VR4	9e	Tor
00	-	XC6229D1211R-G	LVR-IC	LDO, 1.2V±20mV, 300mA, +CE	BGA-4	63ba*	VR4	9a	Tor
01	-	RP110L091B	LVR-IC	LDO, 0.9V±1%, 150mA, +CE	DFN1010-4	48vm	VR4	9a	Ric
01	-	TS4601EIJT	Lin-IC	AF PA, 2.7..5.5V, 2x75mW(5V/16Ω), stand-by, I2C	BGA-16	39	-	9p	Ste
01	-	XC6224A0917R	LVR-IC	LDO, 0.9V±20mV, 150mA, +CE	USPN-4B02	58vm	VR4	9e	Tor
01	-	XC6229D12B1R-G	LVR-IC	LDO, 1.25V±20mV, 300mA, +CE	BGA-4	63ba*	VR4	9a	Tor
01	-	XC6420AB017R-G	LVR-IC	LDO, Dual out, Vout1/Vout2=1.20/1.20V±2%, 150mA, +CE	USPN-6	52xv	VR19	9a	Tor
01	-	XC6420AB01DR-G	LVR-IC	LDO, Dual out, Vout1/Vout2=1.20/1.20V±2%, 150mA, +CE	USP-6B04	73x4	VR19	9a	Tor
011	-	EC49222-1-F	LVR-IC	LDO, Dual out, Vout1/Vout2=3.0V/3.3V±2%, 250mA, +CE	UFN-6	56xv	VR19	9i	Ecm
0113	-	XC6201132DR	LVR-IC	1.3V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0114	-	XC6201142DR	LVR-IC	1.4V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0115	-	XC6201152DR	LVR-IC	1.5V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0116	-	XC6201162DR	LVR-IC	1.6V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0117	-	XC6201172DR	LVR-IC	1.7V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0118	-	XC6201182DR	LVR-IC	1.8V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0119	-	XC6201192DR	LVR-IC	1.9V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
012	-	EC49222-2-F	LVR-IC	LDO, Dual out, Vout1/Vout2=1.8V/3.0V±2%, 250mA, +CE	UFN-6	56xv	VR19	9i	Ecm
0120	-	XC6201202DR	LVR-IC	2.0V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0121	-	XC6201212DR	LVR-IC	2.1V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0122	-	XC6201222DR	LVR-IC	2.2V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0123	-	XC6201232DR	LVR-IC	2.3V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0124	-	XC6201242DR	LVR-IC	2.4V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0125	-	XC6201252DR	LVR-IC	2.5V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0126	-	XC6201262DR	LVR-IC	2.6V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0127	-	XC6201272DR	LVR-IC	2.7V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0128	-	XC6201282DR	LVR-IC	2.8V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0129	-	XC6201292DR	LVR-IC	2.9V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
013	-	EC49222-3-F	LVR-IC	LDO, Dual out, Vout1/Vout2=3.0V/3.0V±2%, 250mA, +CE	UFN-6	56xv	VR19	9i	Ecm
0130	-	XC6201302DR	LVR-IC	3.0V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0131	-	XC6201312DR	LVR-IC	3.1V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0132	-	XC6201322DR	LVR-IC	3.2V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0133	-	XC6201332DR	LVR-IC	3.3V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0134	-	XC6201342DR	LVR-IC	3.4V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0135	-	XC6201352DR	LVR-IC	3.5V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0136	-	XC6201362DR	LVR-IC	3.6V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0137	-	XC6201372DR	LVR-IC	3.7V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0138	-	XC6201382DR	LVR-IC	3.8V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0139	-	XC6201392DR	LVR-IC	3.9V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
014	-	EC49222-4-F	LVR-IC	LDO, Dual out, Vout1/Vout2=1.3V/2.8V±2%, 250mA, +CE	UFN-6	56xv	VR19	9i	Ecm
0140	-	XC6201402DR	LVR-IC	4.0V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0141	-	XC6201412DR	LVR-IC	4.1V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0142	-	XC6201422DR	LVR-IC	4.2V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor
0143	-	XC6201432DR	LVR-IC	4.3V±2%, 250mA	USP-6B	49hs	VR1	9b	Tor



SECTION 11
D-PAK and I-PAK case SMD semiconductor components

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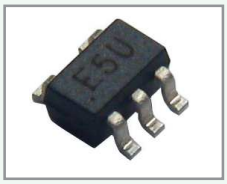
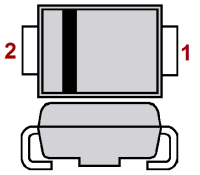
SMD code	A	Type	Function	Short description	Case	Pin	Sch	St	Mnf
100	-	XC6503P121JR-G	LVR-IC	LDO, 1.2V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
100A	-	3PMT100A	TVS	Vvm=100V, Vbr=111V, Vcl=162V, 9.3A, 1500W(1ms)	POWERMITE	68dh	-	10a	Msc
100CA	-	3PMT100CA	TVS	Vvm=100V, Vbr=111V, Vcl=162V, 9.3A, 1500W(1ms), Bidir.	POWERMITE	68dp	-	10a	Msc
101	-	XC6503P131JR-G	LVR-IC	LDO, 1.3V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
102	-	XC6503P141JR-G	LVR-IC	LDO, 1.4V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
103	-	XC6503P151JR-G	LVR-IC	LDO, 1.5V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
104	-	XC6503P161JR-G	LVR-IC	LDO, 1.6V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
105	-	XC6503P171JR-G	LVR-IC	LDO, 1.7V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
106	-	XC6503P181JR-G	LVR-IC	LDO, 1.8V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
107	-	XC6503P191JR-G	LVR-IC	LDO, 1.9V±20mV, 500mA	TO-252	68eu	VR1	10a	Tor
108	-	XC6503P201JR-G	LVR-IC	LDO, 2.0V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
108418	-	LC1084CM3TR18	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-3L	84cn	VR1	10j	Lch
108418	-	LC1084CMTR18	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-2L	68cg	VR1	10h	Lch
108418	-	LC1084COTR18	LVR-IC	LDO, 1.8V±2%, 5A	TO-252	68cg	VR1	10h	Lch
108425	-	LC1084CM3TR25	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-3L	84cn	VR1	10j	Lch
108425	-	LC1084CMTR25	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-2L	68cg	VR1	10h	Lch
108425	-	LC1084COTR25	LVR-IC	LDO, 1.8V±2%, 5A	TO-252	68cg	VR1	10h	Lch
108433	-	LC1084CM3TR33	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-3L	84cn	VR1	10j	Lch
108433	-	LC1084CMTR33	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-2L	68cg	VR1	10h	Lch
108433	-	LC1084COTR33	LVR-IC	LDO, 1.8V±2%, 5A	TO-252	68cg	VR1	10h	Lch
108450	-	LC1084CM3TR50	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-3L	84cn	VR1	10j	Lch
108450	-	LC1084CMTR50	LVR-IC	LDO, 1.8V±2%, 5A	TO-263-2L	68cg	VR1	10h	Lch
108450	-	LC1084COTR50	LVR-IC	LDO, 1.8V±2%, 5A	TO-252	68cg	VR1	10h	Lch
1084AD	-	LC1084CM3TRAD	LVR-IC	LDO, Adjustable 1.8V..5.0V±2%, 5A	TO-263-3L	84cn	VR20	10j	Lch
1084AD	-	LC1084CMTRAD	LVR-IC	LDO, Adjustable 1.8V..5.0V±2%, 5A	TO-263-2L	68cn	VR20	10h	Lch
1084AD	-	LC1084COTRAD	LVR-IC	LDO, Adjustable 1.8V..5.0V±2%, 5A	TO-252	68cn	VR20	10h	Lch
108518	-	LC1085CM3TR18	LVR-IC	LDO, 1.8V±2%, 3A	TO-263-3L	84cn	VR1	10j	Lch
108518	-	LC1085CMTR18	LVR-IC	LDO, 1.8V±2%, 3A	TO-263-2L	68cg	VR1	10h	Lch
108518	-	LC1085COTR18	LVR-IC	LDO, 1.8V±2%, 3A	TO-252	68cg	VR1	10h	Lch
108525	-	LC1085CM3TR25	LVR-IC	LDO, 2.5V±2%, 3A	TO-263-3L	84cn	VR1	10j	Lch
108525	-	LC1085CMTR25	LVR-IC	LDO, 2.5V±2%, 3A	TO-263-2L	68cg	VR1	10h	Lch
108525	-	LC1085COTR25	LVR-IC	LDO, 2.5V±2%, 3A	TO-252	68cg	VR1	10h	Lch
108533	-	LC1085CM3TR33	LVR-IC	LDO, 3.3V±2%, 3A	TO-263-3L	84cn	VR1	10j	Lch
108533	-	LC1085CMTR33	LVR-IC	LDO, 3.3V±2%, 3A	TO-263-2L	68cg	VR1	10h	Lch
108533	-	LC1085COTR33	LVR-IC	LDO, 3.3V±2%, 3A	TO-252	68cg	VR1	10h	Lch
108550	-	LC1085CM3TR50	LVR-IC	LDO, 5.0V±2%, 3A	TO-263-3L	84cn	VR1	10j	Lch
108550	-	LC1085CMTR50	LVR-IC	LDO, 5.0V±2%, 3A	TO-263-2L	68cg	VR1	10h	Lch
108550	-	LC1085COTR50	LVR-IC	LDO, 5.0V±2%, 3A	TO-252	68cg	VR1	10h	Lch
1085AD	-	LC1085CM3TRAD	LVR-IC	LDO, Adjustable 1.8V..5.0V±2%, 3A	TO-263-3L	84cn	VR20	10j	Lch
1085AD	-	LC1085CMTRAD	LVR-IC	LDO, Adjustable 1.8V..5.0V±2%, 3A	TO-263-2L	68cn	VR20	10h	Lch
1085AD	-	LC1085COTRAD	LVR-IC	LDO, Adjustable 1.8V..5.0V±2%, 3A	TO-252	68cn	VR20	10h	Lch
109	-	XC6503P211JR-G	LVR-IC	LDO, 2.1V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10A	-	3PMT10A	TVS	Vvm=10V, Vbr=11.1V, Vcl=17.0V, 88.2A, 1500W(1ms)	POWERMITE	68dh	-	10a	Msc
10A	-	XC6503P221JR-G	LVR-IC	LDO, 2.2V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10B	-	XC6503P231JR-G	LVR-IC	LDO, 2.3V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10C	-	XC6503P241JR-G	LVR-IC	LDO, 2.4V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10CA	-	3PMT10CA	TVS	Vvm=10V, Vbr=11.1V, Vcl=17.0V, 88.2A, 1500W(1ms), Bidir.	POWERMITE	68dp	-	10a	Msc
10D	-	XC6503P251JR-G	LVR-IC	LDO, 2.5V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10E	-	XC6503P261JR-G	LVR-IC	LDO, 2.6V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10F	-	XC6503P271JR-G	LVR-IC	LDO, 2.7V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10H	-	XC6503P281JR-G	LVR-IC	LDO, 2.8V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10K	-	XC6503P291JR-G	LVR-IC	LDO, 2.9V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10L	-	XC6503P301JR-G	LVR-IC	LDO, 3.0V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10M	-	XC6503P311JR-G	LVR-IC	LDO, 3.1V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10N	-	XC6503P321JR-G	LVR-IC	LDO, 3.2V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10N03LA	-	IPD10N03LA	n-MOSFET	LogL, DC/DC-conv, 25V, 30A, 52W, Rds=10.4mΩ(10V), 6.3/18ns	TO-252	68fw	-	10b	Inf
10N03LA	-	IPF10N03LA	n-MOSFET	LogL, DC/DC-conv, 25V, 30A, 52W, Rds=10.4mΩ(10V), 6.3/18ns	TO-252	68fw	-	10b	Inf
10N03LA	-	IPS10N03LA	n-MOSFET	LogL, DC/DC-conv, 25V, 30A, 52W, Rds=10.4mΩ(10V), 6.3/18ns	TO-251	68fw	-	10b	Inf
10N03LA	-	IPU10N03LA	n-MOSFET	LogL, DC/DC-conv, 25V, 30A, 52W, Rds=10.4mΩ(10V), 6.3/18ns	TO-251	68fw	-	10b	Inf
10P	-	XC6503P331JR-G	LVR-IC	LDO, 3.3V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10R	-	XC6503P341JR-G	LVR-IC	LDO, 3.4V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10S	-	XC6503P351JR-G	LVR-IC	LDO, 3.5V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10T	-	XC6503P361JR-G	LVR-IC	LDO, 3.6V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10U	-	XC6503P371JR-G	LVR-IC	LDO, 3.7V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10V	-	XC6503P381JR-G	LVR-IC	LDO, 3.8V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10X	-	XC6503P391JR-G	LVR-IC	LDO, 3.9V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10Y	-	XC6503P401JR-G	LVR-IC	LDO, 4.0V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
10Z	-	XC6503P411JR-G	LVR-IC	LDO, 4.1V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
110	-	XC6503P421JR-G	LVR-IC	LDO, 4.2V±1%, 500mA	TO-252	68eu	VR1	10a	Tor
110A	-	3PMT110A	TVS	Vvm=110V, Vbr=122V, Vcl=177V, 8.4A, 1500W(1ms)	POWERMITE	68dh	-	10a	Msc

SECTION 12
Conventional case drawings. Pin assignment





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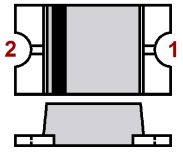

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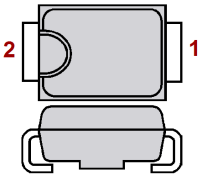

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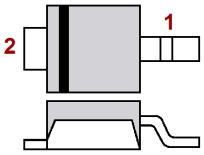

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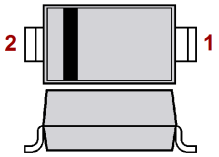

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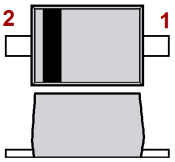

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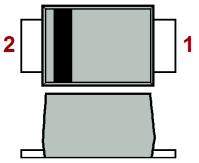

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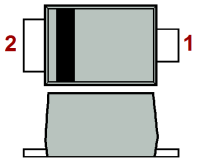

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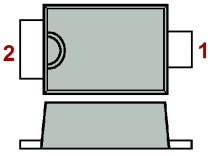

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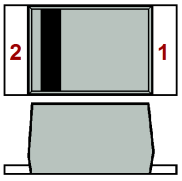

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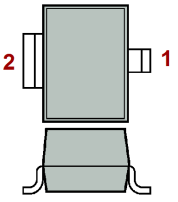

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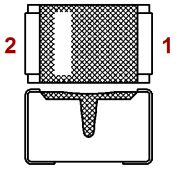

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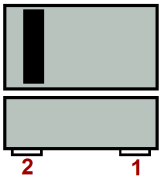

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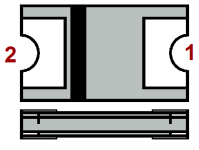

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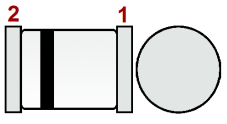

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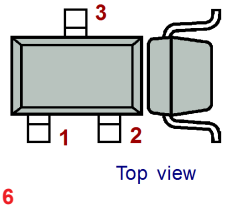

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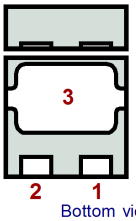

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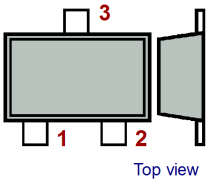

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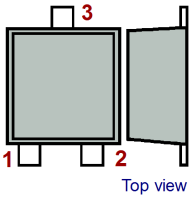

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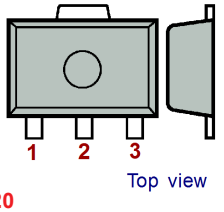

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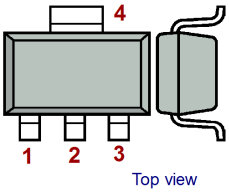

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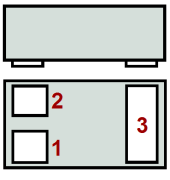

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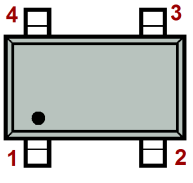

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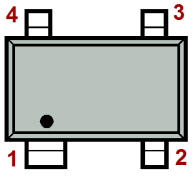
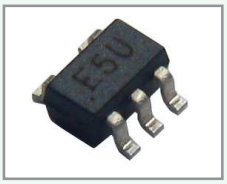


24

SECTION 13
Pinout (table)

	PIN 1	PIN2	PIN3	PIN4	PIN5	PIN6	PIN7	PIN8
a0	GND	Output	Vcc	+Input	-Input	-	-	-
a1	GND	GND	Input	GND	GND	Vcc/Out	-	-
a2	N/C	Anode	Cathode	N/C	Adjust	-	-	-
a3	CE	GND	Vinput	Voutput	Adjust	N/C	-	-
a4	CE	Vinput	Voutput	Switch	GND	Feedb.	-	-
a5	No data	See dsc.	-	-	-	-	-	-
a6	See sch	See dsc.	-	-	-	-	-	-
a7	CE	GND	SSC	Vinput	Voutput	-	-	-
a8	Test	GND	Tdet	N/C	Vcc	-	-	-
a9	Tdet	GND	Test	Vcc	-	-	-	-
aa	Input	GND	Vcc/Output	GND	-	-	-	-
aa*	A1=CE/MODE	A3=Vout	Lx	C1=Vinput	C3=GND	-	-	-
ab	Input	GND	GND	Output	GND	Vcc	-	-
ab*	A1=CE/MODE	A3=Feedb.	Lx	C1=Vinput	C3=GND	-	-	-
ac	Vcc	GND	Input	GND	GND	Output	GND	GND
ad	Input	GND	Vcc	Output	GND	-	-	-
ae	Input	Vcc	GND	Output	GND	GND	-	-
af	N/C	Vinput	N/C	GND	N/C	Vout	N/C	N/C
ag	Contact	Contact	N/C	-	-	-	-	-
ah	Emitter	Emitter	Base	Emitter	Emitter	Collector	-	-
ai	GND	Vcc	Input	Output	-	-	-	-
aj	GND	Vcc/Vout	GND	Input	-	-	-	-
ak	N/C	Cathode	Anode	-	-	-	-	-
am	Vcc/Output	GND	Input	GND	-	-	-	-
an	Output	GND	Input	Vcc	GND	-	-	-
ao	Cath.(Anode)	N/C	Cath.(Anode)	Anode(Cath.)		-	-	- -
ap	Cathode	N/C	Cathode	Anode	-	-	-	-
aq	Contact	N/C	Contact	-	-	-	-	-
ar	Contact	Contact	-	-	-	-	-	-
as	Emitter	Emitter	N/C	Base	Collector	Collector	Collector	Collector
at	Cathode	Gate	Anode	-	-	-	-	-
au	CE	SS	Voutput	Vinput	GND	Vbias	-	-
av	Vbias	GND	Vinput	Voutput	SS	CE	-	-
a w	CE	Ilim	Voutput	Vinput	GND	Vbias	-	-
ax	Vbias	GND	Vinput	Voutput	Ilim	CE	-	-
ba	An/Cath.	An/Cath.	-	-	-	-	-	-
ba*	A1=GND	A2=Vout	B1=CE	B2=Vin	-	-	-	-
bb	Cathode1	Cathode2	Cathode3	Anode3	Anode2	Anode1	-	-
bc*	A1=Vinput	A2=Voutput	B1=CE	B2=GND	-	-	-	-
bd	Cathode	Cathode	Anode	-	-	-	-	-
bd*	A1=GND	Vcc	Reset	MR	-	-	-	-
be*	A1=CE	A3=Cb	B2=GND	C1=Voutput	C3=Vinput	-	-	-
bf*	A1=Out L	A2=GND	A3=Out R	B1=In L	B3=In R	C1=Shutdwn	C2=Vcc	C3=Cext
bg	Cathode1	Cathode2	Anode2	N/C	Anode1	-	-	-
bg*	A1=GND	A2=CE	B1=Voutput	B2=Vinput	-	-	-	-
bh	Anode1	Common Cath.		Anode2	Anode3	Anode4	-	- -
bh*	A1=GND	A3=CE	B2=Cb	C1=Voutput	C3=Vinput	-	-	-
bi	Anode	Cathode	Anode	Anode	Cathode	Anode	-	-
bm1	N/C	Cout	Dout	GND	V+	V-	-	-
bm2	V-	V+	GND	Dout	Cout	-	-	-
bn	OVP	Vinput	CE	A GND	N/C	Feedback	Switch.	P GND
bp	Cathode	Cathode	Anode	Anode	Cathode	Cathode	-	-
bq	GND	Voutput	Lx	-	-	-	-	-
br	GND	Voutput	Ext	-	-	-	-	-
bs	Anode1	Com. Cath.	Anode2	Com. Cath.	-	-	-	-
bt	Cathode1	N/C	Cathode2	Com Anode	-	-	-	-
bu	Anode1	N/C	Anode2	Com Cath.	-	-	-	-
bv	Anode1	N/C	Cathode2	Cath.1/An2	-	-	-	-
b w	Anode1	Com Cath.	Anode2	Anode3	Com Cath.	Anode4	-	-
bx	Anode1	Cath.1/An2	Cathode2	Cathode3	An3/Cath.4	Anode4	-	-
by	Cathode1	An1/Cath.2	Anode2	Cathode3	An3/Cath.4	Anode4	-	-
bz	Cathode	Anode	Cathode	-	-	-	-	-

SECTION 14
SMD-code marking attribute



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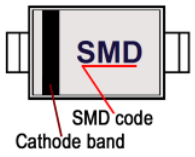
SECTION15
SMD-code marking style

1a



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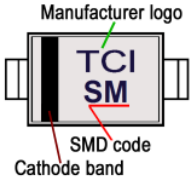

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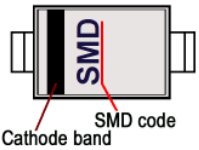

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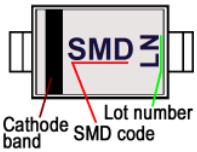

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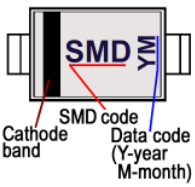

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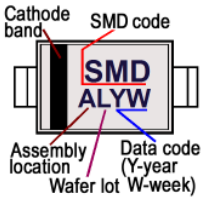
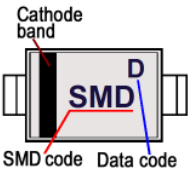
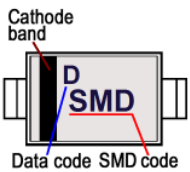
1f



1g



1h



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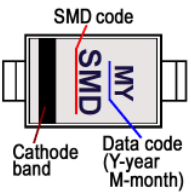

1j

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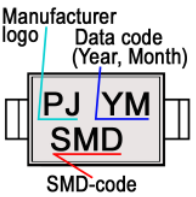

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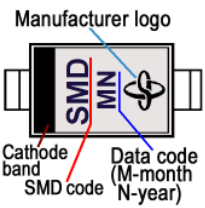

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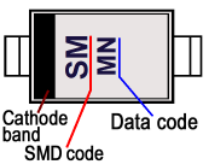

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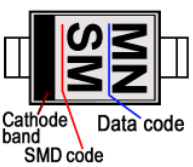

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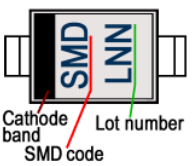

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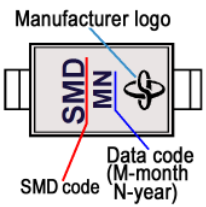

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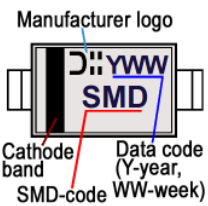

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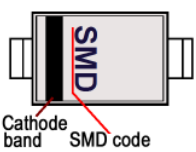

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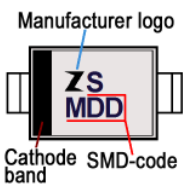

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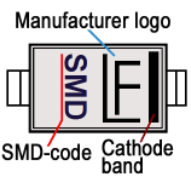

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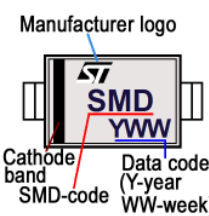

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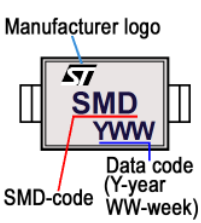

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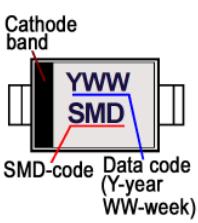
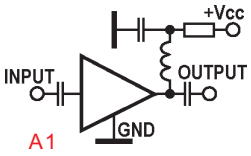
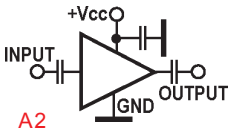


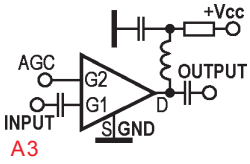
SECTION 16
Sample schematic diagram



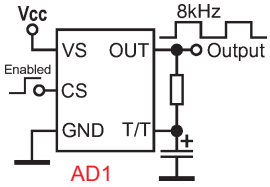
A1



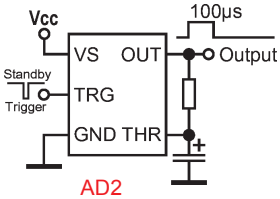
A2



A3



AD1



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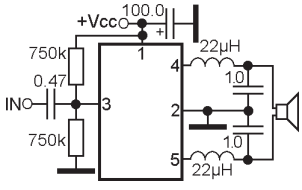
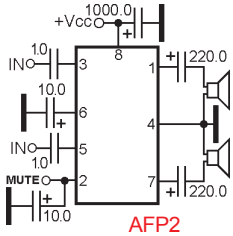


AFP1



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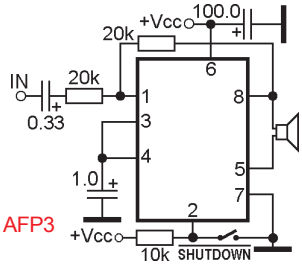
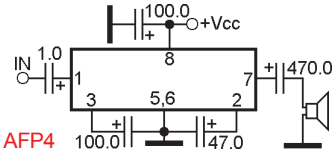


AFP3



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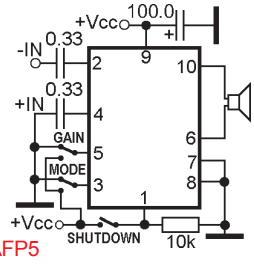
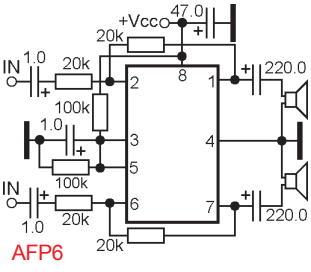
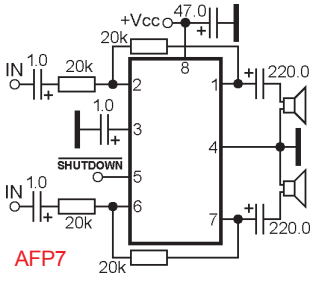


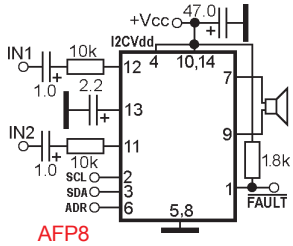
AFP5



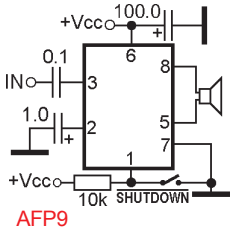
AFP6



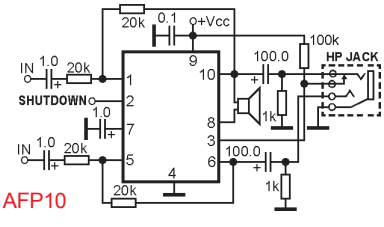
AFP7



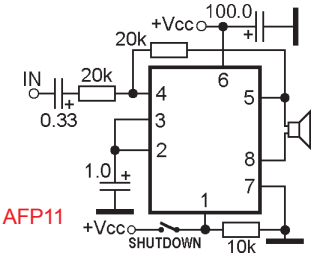
AFP8



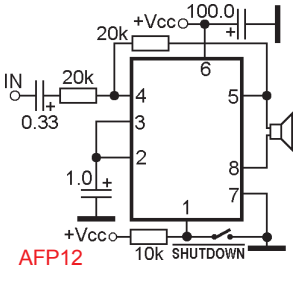
AFP9



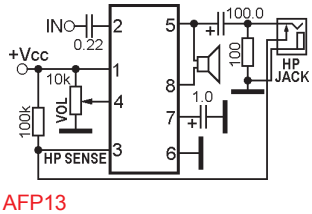
AFP10



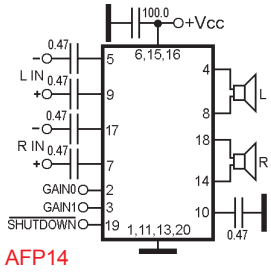
AFP11



AFP12



AFP13



AFP14

SECTION17
Adittional SMD info

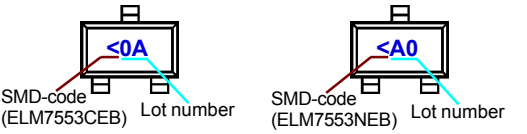
Besides SMD code manufacturers can place additional information such as internal production lot number, traceability code, data of production, assembly location etc. The adittional info is an arbitral position and arbitral content (depending of the manufacturer) and can be alphanumeris symbol (symbols) or graphic symbol.

Below we present some adittional info.

Lot number.

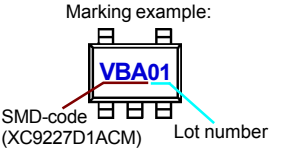
Manufacturer: Elm (ELM Technology Corporation):
Rules 1 (for ODO voltage detectors)
Symbol 1 - A to Z(I, O, X excepted)
Symbol 2 - 0 to 9
Rules 2 (for PPO voltage detectors)
Symbol 1 - 0 to 9
Symbol 2 - A to Z(I, O, X excepted)

Marking example:



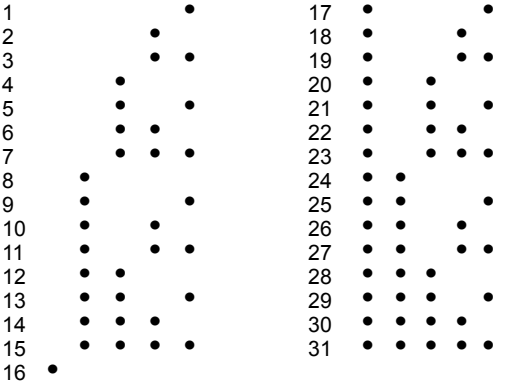
Manufacturer: Tor (Torex Semiconductor LTD):
01~09, 0A~0Z, 11~9Z, A1~A9, AA~AZ, B1~ZZ repeated,
(G, I, J, O, Q, W excluded.) * No character inversion used.

Marking example:

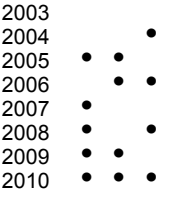


Production data

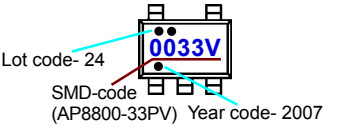
Manufacturer: Anw (Anwell Semiconductor Corp.)
Dot above product code: Lot Code:



Dot under product code: Year Code:



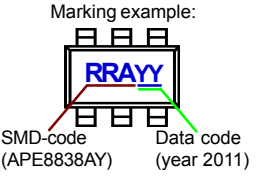
Marking example:



Manufacturer: Ape (Advanced Power Electronics Corp.)

Code	Year
YY	2004, 2008, 2012
YY	2003, 2007, 2011
YY	2002, 2006, 2010
YY	2001, 2005, 2009

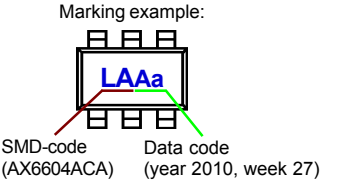
Marking example:



Manufacturer: Axl (AXElite Technology Co., Ltd)

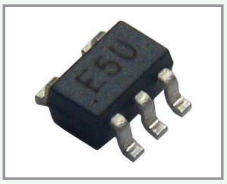
Code	Year	Code	Week
7	2007	A...Z	1...26
8	2008	a...z	27...52
9	2009		
A	2010		
B	2011		
C	2012		

Marking example:

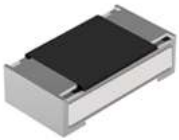


Manufacturer: Di (Diodes Inc.)
Y : Year : 0~9XXX
W : Week : A~Z : 1~26 week; a~z : 27~52 week; z represents 52 and 53 week

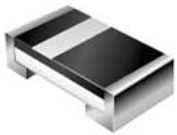
SECTION 18
Case drawings



0402
0503 1005
0603 SOD-723F



0402S 0805S
0503S 1206S



0805
1206

1408

1607
SMA
SMA-1

1F
2F
3-4D1A

1F1A
SOD-123
SOD-323

2025
CP
CPH3

2-2H1A
2-2H1B
SC-89-3

2-2K1A
2-2K1B

2-3JIA
2-3JIB

403
403-01 403B-01
403A 403C
403A-03 403D-2

BGA-4
CB4-3
UCSP-4

BGA-5
WCSP-5

BGA-6
µBGA-6
WCSP-6

BGA-8 MBGA-8
µBGA-8 WCSP-8

BGA-8A

BGA-9

BGA-10

BGA-12

BGA-14

BGA-15

BGA-16

BGA-18

SECTION 19
Manufacturers logos and URL

Aat- Advanced Analog Technology
http://www.aatech.com.tw/index.aspx

Ad- Analog Devices
http://www.analog.com

Adt- ADDtek
http://www.addmtek.com/Index.htm

Agi- Agilent Technologies
www.semiconductor.agilent.com

Aic- Analog Integrations Corporation
http://www.analog.com.tw

Ali- Alliance Semiconductor
http://www.alsc.com

All- Allegro MicroSystems Inc.
http://www.allegromicro.com

Ame- AME, Inc.
www.ame.com.tw

Ams- AMOS Technology Limited
http://www.amos-tech.com

Amz- Amazing Microelectronic
http://www.amazingIC.com

Ana- Anachip Corp.
www.anachip.com.tw

Anp- Anpec Electronics Corp.
www.anpec.com.tw

Ans- AnaSem Inc.
http://www.anasem.net/

Ant- Advanced Analogic Technologies, Inc.
http://www.analogictech.com

Anw- Anwell Semiconductor Corp.
http://www.ansc.com.tw/

Aom- Alpha & Omega Semiconductor
http://www.aosmd.com/

Aot- IRICO AOTOM (Hong Kong) Holdings Co., Ltd.
http://www.aotom.com

Ape- Advanced Power Electronics Corp.
http://www.a-power.com.tw/index.aspx

Ask- AKM Semiconductor Inc.
http://akm.com/index.asp

Asm- Austria Microsystems AG
http://www.austriamicrosystems.com

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- Search by marking code with case class (pin number) selection;
- Exhaustive info about found electronic component;
- Direct link to a electronic component datasheet download;
- Direct link to a manufacturer web page.

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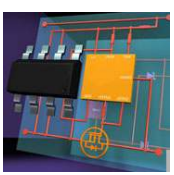

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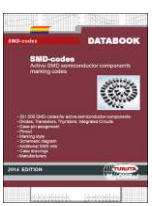

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