

IMPORTANT SAFETY NOTICE

WHEN SERVICING THIS CHASSIS, UNDER NO CIRCUMSTANCES SHOULD THE ORIGINAL DESIGN BE MODIFIED OR ALTERED WITHOUT PERMISSION FROM THE ZENITH ELECTRONICS CORPORATION. ALL COMPONENTS SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT. SPECIAL COMPONENTS ARE SHADED ON THE SCHEMATIC FOR EASY IDENTIFICATION. THIS CIRCUIT DIAGRAM MAY OCCASIONALLY DIFFER FROM THE ACTUAL CIRCUIT USED. THIS WAY, IMPLEMENTATION OF THE LATEST SAFETY AND PERFORMANCE IMPROVEMENT CHANGES INTO THE SET IS NOT DELAYED UNTIL THE NEW SERVICE LITERATURE IS PRINTED.

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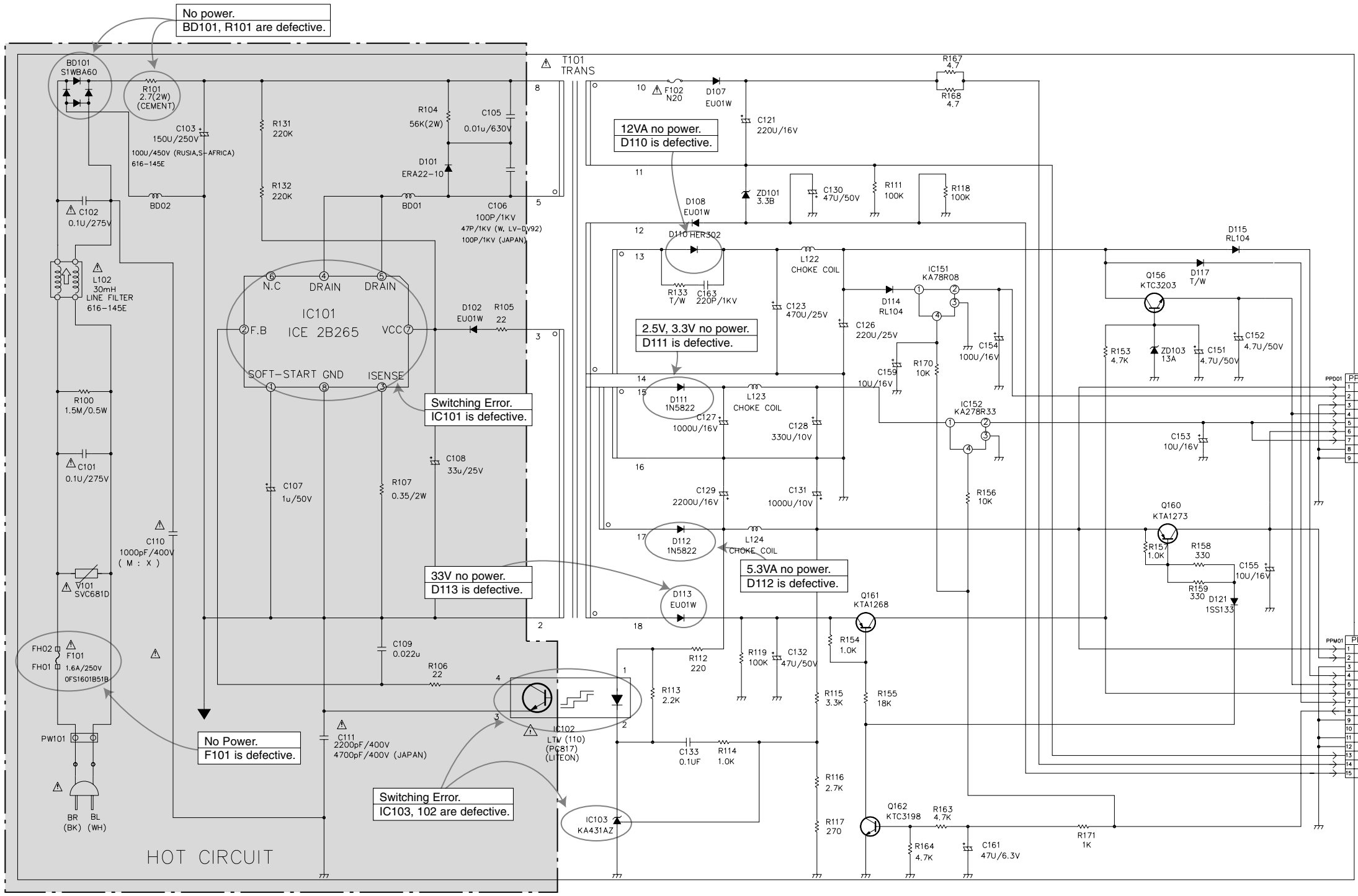
NOTE :

1. Shaded (■) parts are critical for safety. Replace only with specified part number.
2. Voltages are DC-measured with a digital voltmeter during Play mode.

LOCATION GUIDE

BD01	F10
BD02	C10
BD101	B11
C101	B7
C102	B10
C103	C11
C105	F11
C106	G10
C107	D7
C108	F7
C109	E5
C110	C6
C111	E4
C121	J11
C123	J9
C126	K8
C127	I7
C128	J7
C129	I6
C130	J10
C131	J6
C132	J5
C133	I4
C151	O8
C152	O8
C153	N7
C154	L8
C155	O6
C159	K8
C161	L2
C163	I9
D101	F10
D102	F9
D107	I11
D108	I10
D110	I9
D111	I7
D112	I6
D113	I5
D114	K9
D115	O9
D117	N9
D121	O5
F102	H11
FH01	A4
FH02	A5
IC101	D8
IC102	G4
IC103	H3
IC151	K9
IC152	L7
L102	B9
L122	J9
L123	I8
L124	I6
Q156	N9
Q160	N6
Q161	K5
Q162	K3
R100	B7
R101	C11
R104	F11
R105	G9
R106	F4
R107	E7
R111	K10
R112	I5
R113	H4
R114	I4
R115	J4
R116	J3
R117	J3
R118	L10
R119	I5
R131	D11
R132	D10
R133	I9
R153	N8
R154	J5
R155	K4
R156	L6
R157	N6
R158	N6
R159	N5
R163	L3
R164	K2
R167	L11
R168	L11
R170	K8
R171	M3
T101	G11
V101	B5
ZD101	J10
ZD103	N8

12
11
10
9
8
7
6
5
4
3
2
1



No power.
BD101, R101 are defective.

12VA no power.
D110 is defective.

2.5V, 3.3V no power.
D111 is defective.

Switching Error.
IC101 is defective.

33V no power.
D113 is defective.

5.3VA no power.
D112 is defective.

No Power.
F101 is defective.

Switching Error.
IC103, 102 are defective.

PPD01 - PDP01
1 5.3VA
2 5V
3 GND(M)
4 REG 12V
5 3.3V
6 5V
7 3.3V
8 GND
9 GND

PPM01 - PMP01
1 5.3VA
2 5.0V
3 GND
4 CAP VCC
5 REG 12V
6 3.3V
7 12VA(DRUM)
8 PWR CLT 'H'
9 GND
10 HSR 'H'(NC)
11 GND
12 GND
13 FD (-)
14 FD (+)
15 -27VA

NOTES) ↓ Symbol denotes AC ground.
⏏ Symbol denotes DC chassis ground.

NOTE) ⚠ Warning
Parts that are shaded are critical
With respect to risk of fire or
electrical shock.

A B C D E F G H I J K L M N O P