

# CIRCUIT DIAGRAM

## 1. POWER(SMPS) CIRCUIT DIAGRAM

### IMPORTANT SAFETY NOTICE

WHEN SERVICING THIS CHASSIS, UNDER NO CIRCUMSTANCES SHOULD THE ORIGINAL DESIGN BE MODIFIED OR ALTERED WITHOUT PERMISSION FROM THE LG ELECTRONICS CORPORATION. ALL COMPONENTS SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIR-

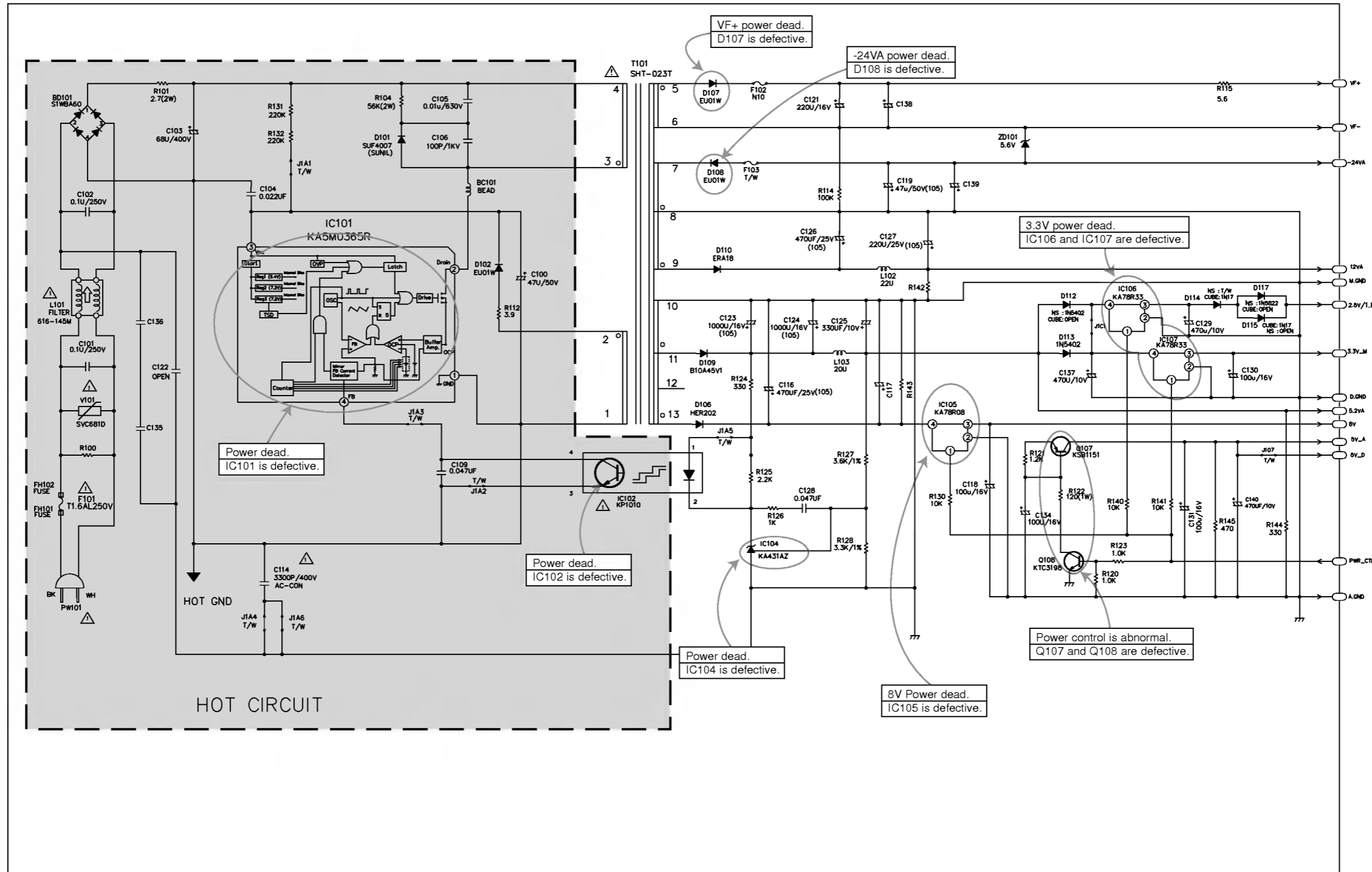
CUIT. SPECIAL COMPONENTS ARE SHADED ON THE SCHEMATIC FOR EASY IDENTIFICATION. THIS CIRCUIT DIAGRAM MAY OCCASIONALLY DIFFER FROM THE ACTUAL CIRCUIT USED. THIS WAY, IMPLEMENTATION OF THE LATEST SAFETY AND PERFORMANCE IMPROVEMENT CHANGES INTO THE SET IS NOT DELAYED UNTIL THE NEW SERVICE LITERATURE IS PRINTED.

### 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

BC101	G10
BD101	B11
C100	G9
C101	B8
C102	B9
C103	C10
C104	D10
C105	F11
C106	F10
C109	F6
C114	D5
C116	J7
C117	K7
C118	L6
C119	K10
C121	J11
C122	C8
C123	I8
C124	J8
C125	K8
C126	J9
C127	K9
C128	J6
C129	O8
C130	O7
C131	O6
C134	M6
C135	C7
C136	C8
C137	M7
C138	K10
C139	L10
C140	O6
D.GND	P7
D101	E10
D102	F9
D106	I7
D107	I11
D108	I10
D109	I8
D110	I9
D112	M8
D113	M8
D114	O8
D115	O8
D117	O8
F102	J11
F103	J10
FH101	B6
FH102	B6
IC101	E9
IC102	H6
IC104	J6
IC105	L7
IC106	N8
IC107	N8
J107	O7
J1A1	D10
J1A2	F6
J1A3	F7
J1A4	D5
J1A5	I7
J1A6	D5
J1C1	M8
L101	B8
L102	K9
L103	K8
M.GND	P9
PW101	B5
PWR_CTLP5	
Q107	M7
Q108	M5
R100	B7
R101	C11
R104	E11
R112	G8
R114	J10
R115	O11
R120	N5
R121	M7
R122	M6
R125	N6
R124	I7
R125	J6
R126	J6
R127	K7
R128	K6
R130	L6
R131	D10
R132	D10
R140	N6
R141	N6
R142	K8
R143	K7
R144	O6
R145	O6
T101	H11
V101	B7
VF+	P11
VF-	P10
ZD101	L10



'01.02.12 R10677B  
D'SCHEMATIC POWER  
D904000'S(220V)

- NOTES) ⚠ Warning  
Parts that are shaded are critical  
With respect to risk of fire or  
electrical shock.
- NOTES : ⚡ Symbol denotes AC ground.  
⏏ Symbol denotes DC chassis ground.