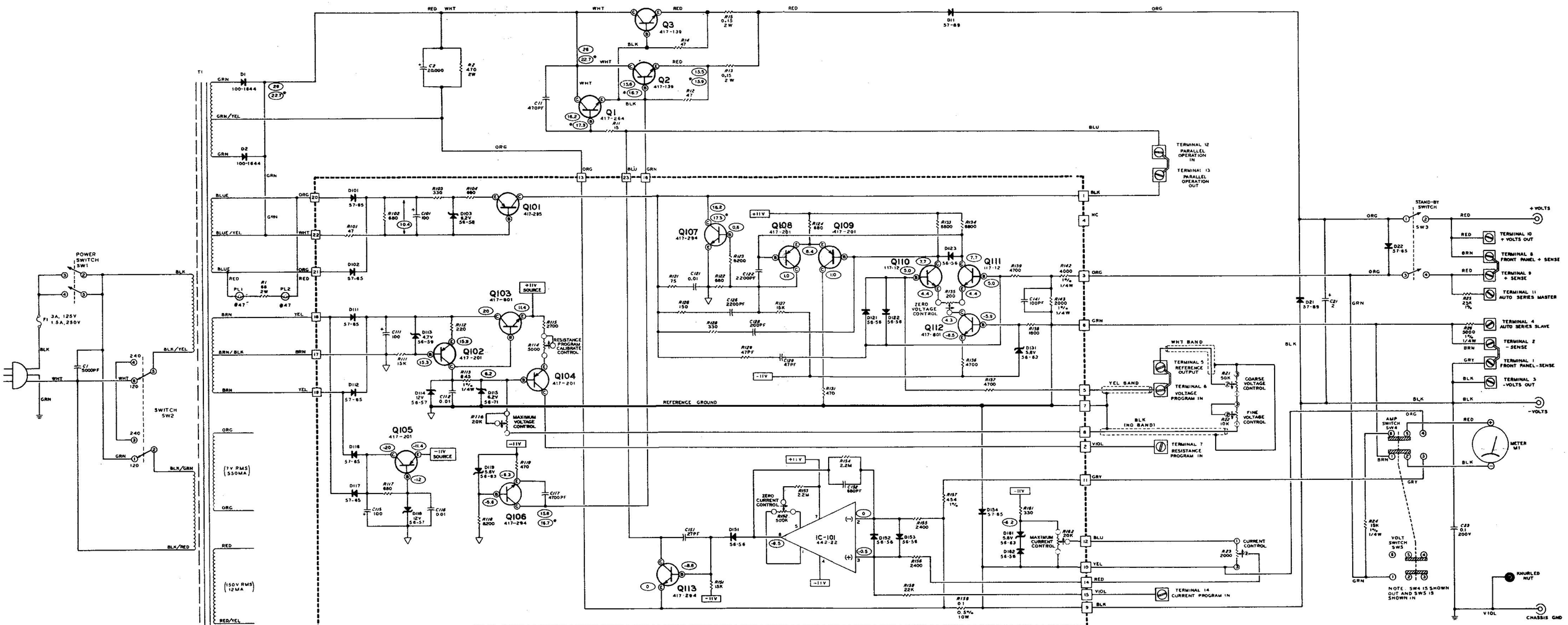


NOTES:

▽ THIS SYMBOL INDICATES CIRCUIT GROUND.

⏚ THIS SYMBOL INDICATES CHASSIS GROUND.

⬭ THIS SYMBOL INDICATES A DC VOLTAGE MEASUREMENT TO THE -V TERMINAL, UNLESS OTHERWISE SPECIFIED. CIRCUIT CONDITIONS INCLUDE:
1. NOMINAL LINE VOLTAGE OF 120 VAC (240 VAC).
2. NO LOAD.
3. VOLTAGE CONTROLS FULLY CLOCKWISE.
4. CURRENT CONTROL FULLY CLOCKWISE.
5. STD-BY SWITCH TO DC ON.

⬭* THIS SYMBOL INDICATES A DC VOLTAGE MEASUREMENT TO THE -V TERMINAL UNDER FULL RATED LOAD CONDITIONS

□ THIS SYMBOL INDICATES A CIRCUIT BOARD WIRE CONNECTION.

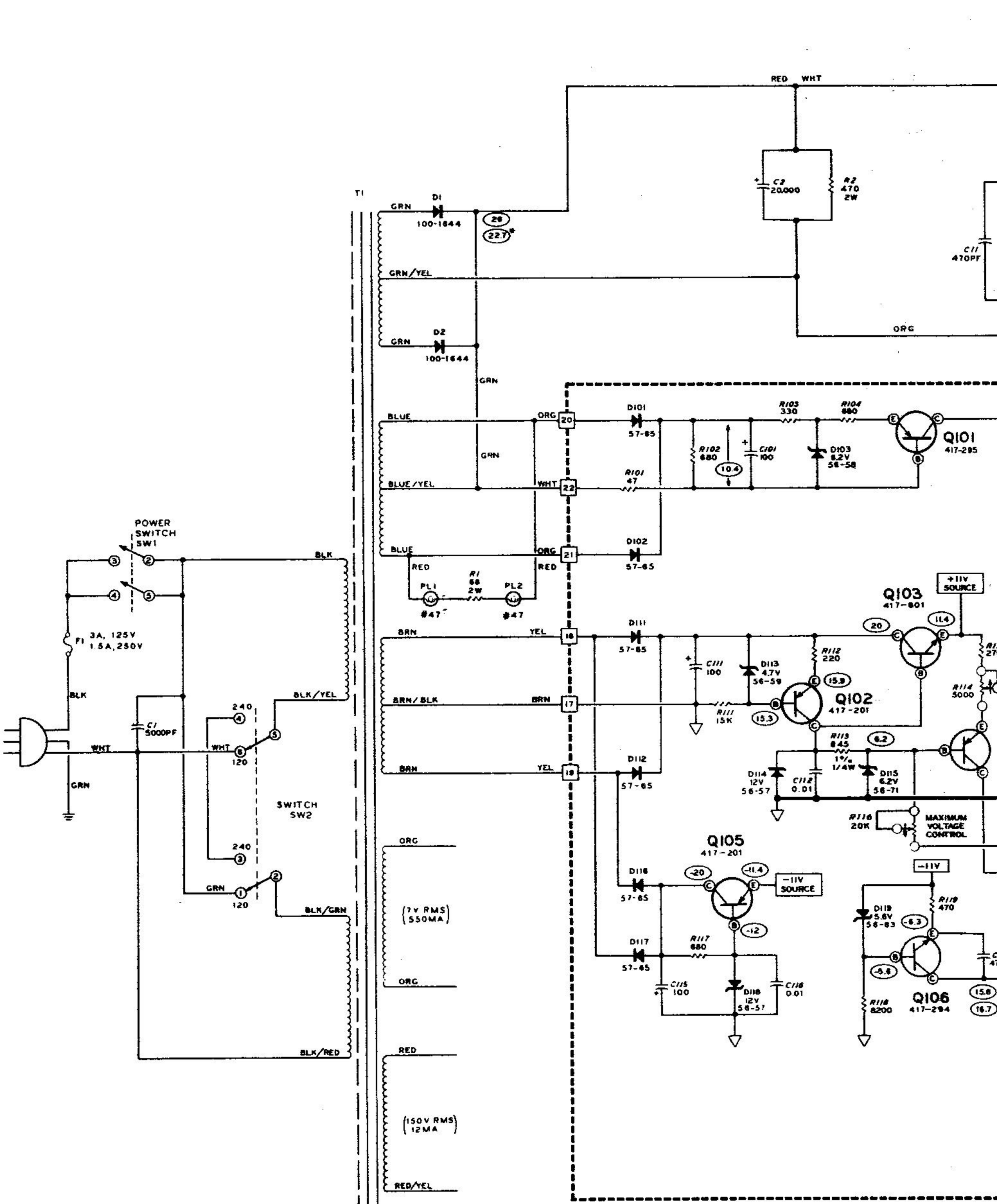
↻ ARROW INDICATES CLOCKWISE ROTATION.

ALL RESISTORS ARE 1/2-WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1000, M=1,000,000).

ALL CAPACITOR VALUES ARE IN MICROFARADS UNLESS MARKED OTHERWISE.

CIRCUIT COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
0-99 CHASSIS MOUNTED PARTS.
100-199 CIRCUIT BOARD PARTS.

SCHEMATIC OF THE HEATHKIT® 15V, 5A POWER SUPPLY MODEL IP-2720


POWER SWITCH SW1
F1 3A, 125V 1.5A, 250V
C1 5000PF
SWITCH SW2
240
120
T1
D1
100-1644
D2
100-1644
GRN
GRN/YEL
BLK
BLK/YEL
WHT
BLK/GRN
BLK/RED
ORG
RED
RED/YEL
YEL
(7V RMS 550MA)
(150V RMS 12MA)
(23V RMS 100MA)
RED
WHT
C2 20,000
R2 470 2W
C11 470PF
BLUE
BLUE/YEL
D101
57-65
R102 680
C101 100
R103 330
R104 680
Q101 417-295
R101 47
D102
57-65
R1 68 2W
PL1 #47
PL2 #47
+11V SOURCE
Q103 417-801
BRN
BRN/BLK
D111
57-65
C111 100
D113 4.7V 56-59
R112 220
R111 15K
Q102 417-201
R114 5000
R115 845 1% 1/4W
D112
57-65
D114 12V 56-57
C112 0.01
D115 6.2V 56-71
R116 20K
MAXIMUM VOLTAGE CONTROL
Q105 417-201
D116
57-65
-11V SOURCE
D117
57-65
R117 680
C115 100
D118 12V 56-57
C116 0.01
-11V
R119 470
D119 5.6V 56-63
R118 8200
Q106 417-294
20
11.4
15.9
15.3
6.2
-20
-11.4
-12
-6.3
-5.6
15.6
16.7

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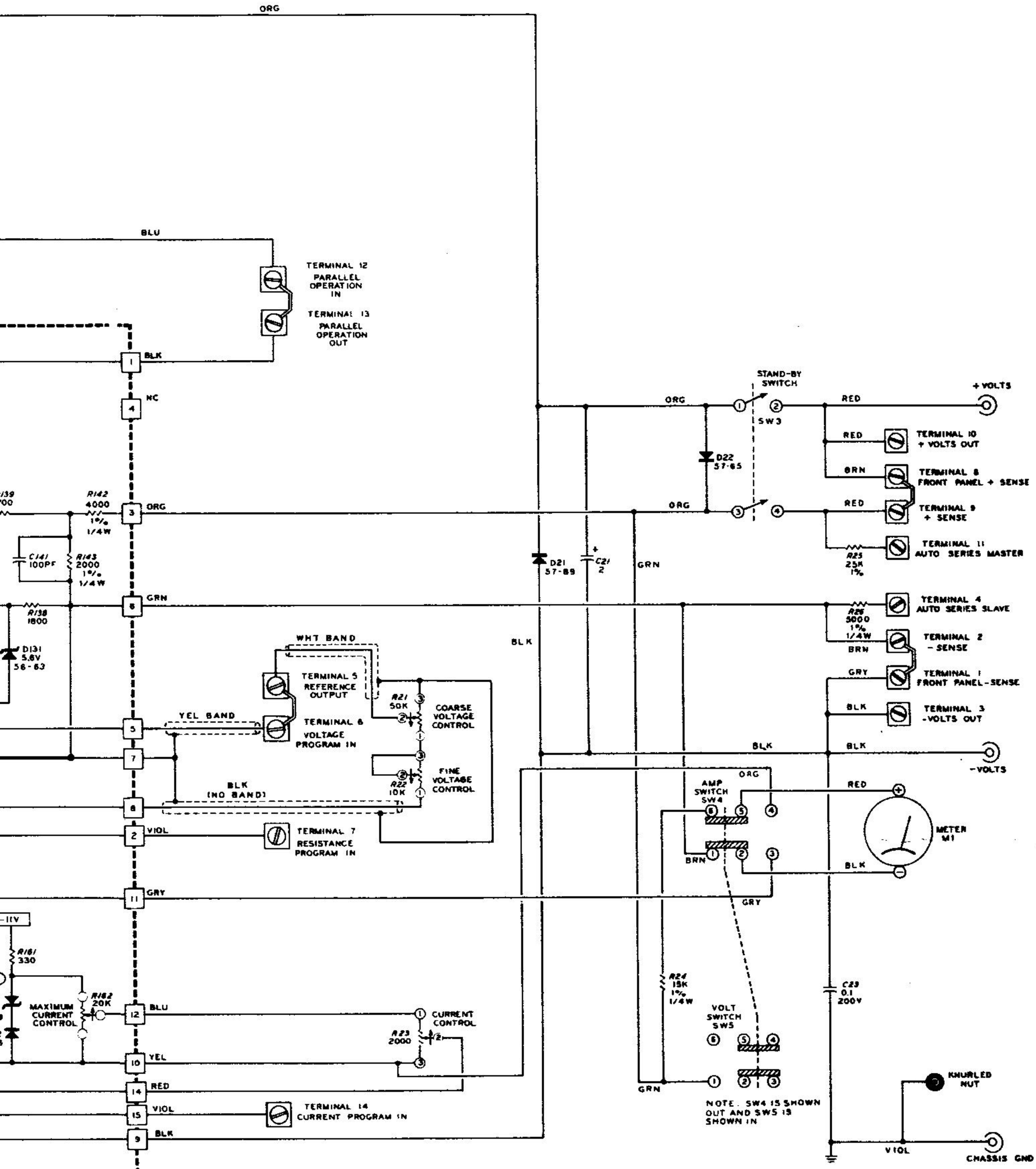

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