

Notes:

Unless otherwise Specified

1. All Resistor values given in ohms and ¼ watt.

2. All Capacitor values given in microfarads.

Key:

= Parts are the same for all WPC generations.

‡ Parts are NOT USED in WPCS and prior.

† Parts are for WPCS and prior.

**High Voltage Schematic
ALL WPC DMD HV Power Boards**

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**HV Parts Description****WPC-95 / WPC**

1N4759A 62v Zener Diode, 1watt	D2	/ D3
1N4758A 56v Zener Diode, 1watt	D1,D18	/ D4,D5
1N4742A 12v Zener Diode, 1watt	D3,D5	/ D6,D8
1N4004 1A Rect. Diode, 400v	D4,D6-D13	/ D7
2N3904 NPN Transistor	None	/ Q1
2N5551 NPN Trans. (MPSD02 Alt.)	Q2,Q3	/ Q2,Q10
MJE15030 NPN Transistor	Q1,Q7	/ Q3,Q7
2N5401 PNP Trans. (MPSD52 Alt.)	Q4,Q5	/ Q4,Q5
MJE15031 PNP Transistor	Q6	/ Q6
120 Ω Resistor, ½ watt	R31,R30	/ R4,R5
47K Ω Resistor, ½ watt	R27,R25,R29,R26	/ R3,R6,R12,R13
4.7K Ω Cement Resistor, 5 watt	R43	/ R8
1.8K Ω Cement Resistor, 5 watt	R4	/ R9
120 Ω Cement Resistor, 5 watt	R28	/ R11
150KΩ Resistor	None	/ R32-R34

