



Title		
HV EURO SUPPLY		
Size	Document Number	Rev
A3	HVeuro.sch	01
Date:	Thursday, May 10, 2007	Sheet 1 of 1

1: HV EURO SUPPLY Revised: Thursday, May 10, 2007
 2: HVeuro.sch Revision: 01
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10: Bill Of Materials May 10,2007 10:45:24 Page1

11:
 12: Item Quantity Reference Description Part Part Value

13: _____
 14:
 15: 1 5 C1,C3,C4,C7,C14 Ceramic Cap. 50V 100n
 16: 2 1 C2 Ceramic Cap. 3KV 3n3 HV
 17: 3 5 C5,C10,C12,C15,C16 Ceramic Cap. 200V 47p
 18: 4 1 C6 Ceramic Cap. 50V 100p
 19: 5 2 C8,C9 Tantalium Cap. 25V 47u
 20: 6 1 C11 Ceramic Cap. 3KV 470p HV
 21: 7 1 C13 Ceramic Cap. 50V 39p
 22: 8 1 DVM1 DISPLAY METER DPM1AS-BL
 23: 9 4 D1,D2,D3,D5 Rect. Diode 1N4148
 24: 10 1 D4 Zener Diode 9V
 25: 11 1 D6 Rect. Diode 1N4007
 26: 12 1 D7 DIODE ZENER 5V1
 27: 13 1 D8 Zener Diode 2V7
 28: 14 1 F1 FUSE HOLDER FUSE
 29: 15 2 J1,J2 PCB_BNC BNC
 30: 16 1 J3 EURO_CONNECTOR_DIN41612 DIN41612_H15
 31: 17 1 J4 SHV Coax Conn. SHV
 32: 18 2 L1,L2 FERRITE BEAD VK200
 33: 19 2 Q2,Q1 N MOSFET BUZ-50
 34: 20 1 Q3 NPN Trans. BC337
 35: 21 6 R1,R5,R6,R8,R9,R32 Res. 0.25W 1% 10K
 36: 22 3 R2,R4,R14 ORIZ. TRIM. 10G 10K
 37: 23 5 R3,R7,R10,R13,R15 Res. 1W 1% 68K 1W
 38: 24 2 R12,R11 Res. 0.25W 1% 2K
 39: 25 3 R16,R17,R19 Res. 0.25W 1% 180R
 40: 26 1 R18 Res. 0.25W 1% 3K3
 41: 27 1 R20 Res. 0.25W 1% 470R
 42: 28 1 R21 Res. 0.25W 1% 39R
 43: 29 5 R22,R23,R24,R25,R26 Res. 0.25W 1% 200K
 44: 30 1 R27 Res. 1W 1% 3K3 1W
 45: 31 1 R28 Res. 0.25W 1% 750R
 46: 32 1 R29 Res. 0.25W 1% 7K5
 47: 33 1 R30 Res. 0.25W 1% 2K4
 48: 34 1 R31 Res. 0.25W 1% 100R
 49: 35 1 R33 Res. 0.25W 1% 330R
 50: 36 1 S1 PCB_SWITCH SW SPDT
 51: 37 1 U1 QUAD_OPAMP TL084
 52: 38 1 U2 OPAMP OP07
 53: