



PSL2 Parts list (1)

All the components in this list are included in the kit
Tous les composants de cette liste sont inclus dans le kit

Reference	Value	Qty	Description	Marking	Dim (2)	Manuf.
R2, R5	150R	2	Resistor 1%, 1/4W	BRN-GRN-BRN-BRN or BRN-GRN-BLK-BLK-BRN		
R7	270R	1	Resistor 1%, 1/4W	RED-VIO-BRN-BRN or RED-VIO-BLK-BLK-BRN		
R6	1K2	1	Resistor 1%, 1/4W	BRN-RED-BLK-BRN-BRN		
R3, R9	1K8	2	Resistor 1%, 1/4W	BRN-GRY-BLK-BRN-BRN		
R8	8K2	1	Resistor 1%, 1/4W	GRY-RED-RED-BRN or GRY-RED-BLK-BRN-BRN		
R1, R4	33K	2	Resistor 1%, 1/4W	ORG-ORG-BLK-RED-BRN		
R10	0R33	1	Resistor 10%, 5W	R33		
R11	0R68	1	Resistor 10%, 5W	R68		
R12	33R	1	Resistor 10%, 5W	33R		
C1, C5	47n-250V	2	Capacitor Film	0.047	R7.5	Wima
C3, C7	10u-50V	2	Capacitor Electro Low ESR, 105°		D5R2	Nichicon
C12	33u-63V	1	Capacitor Electro Low ESR, 105°		D6.3R2.5	Nichicon
C4, C8	150u-35V	2	Capacitor Electro Low ESR, 105°		D8R3.5	Nichicon
C13	120u-63V	1	Capacitor Electro Low ESR, 105°		D8R3.5	Nichicon
C9, C10	1000u-50V	2	Capacitor Electro Low ESR, 105°		D18R7.5	Nichicon
C11	2200u-50V	1	Capacitor Electro Low ESR, 105°		D16R7.5	Nichicon
C6	6800u-50V	1	Capacitor Electro Low ESR, 105°		D25R10	UCC
C2	10000u-50V	1	Capacitor Electro Low ESR, 105°		D35R10	UCC
D2, D7, D12	1N914	3	Signal diode	914 or 4148		
D1, D3, D6, D8, D11	1N4004	5	Rectifier diode	1N4004		
BR3	500V1A5	1	Bridge rectifier			
BR1, BR2	600V4A	2	Bridge rectifier			
D4, D10	Z20V-1.3W	2	Zener diode			
D13	Z39V-1.3W	1	Zener diode			
D14	Red	1	High efficiency LED		D3	
D5	Green	1	High efficiency LED		D3	
D9	Yellow	1	High efficiency LED		D3	
U3	TL783	1	High voltage regulator	TL783C		
U2	LM317	1	Positive voltage regulator	LM317T or TS317		
U1	LM350	1	Positive voltage regulator 3A			
T1	160VA	1	Toroid Transformer 160VA 115+115/30+30			
SW1	SPST	1	Power switch on/off			Arcoelectric
SW2	115V/230V	1	Voltage selector slide			Arcoelectric
CN5, CN6, CN7	NC5FBH	3	XLR socket 5pins fem. PCB			Neutrik
CN1		1	IEC Inlet			
CN2, CN3	4pins	2	PE series Header		R4.2	AMP Tyco
	4pins	2	PE series Receptacle		R4.2	AMP Tyco
CN4	10pins	1	PE series Header		R4.2	AMP Tyco

	10pins	1	PE series Receptacle		R4.2	AMP Tyco
Contact socket	18-24 wg	12	PE series Contact			AMP Tyco
TP1, TP2, TP3, TP4		4	Test pin		D1	
Case connection		1	Solder tag		M3	
P1, P2, P3	5K	3	Trimmer pot	502 or 5K		
VDR1	300V-0.25W	1	Varistor			
F1	1.6T	1	Fuse-230V antisurge		5x20	
	3.15T	1	Fuse-115V antisurge		5x20	
F2	103°	1	Thermal fuse			
U1 heatsink		1	Heatsink		20x45	
U2, U3 heatsink		1	Heatsink		43x45	
U1-U3 assembly		3	Mica insulator TO220			
U1-U3 assembly		3	Insulating shoulder washer			
U1, U2, U3 assembly		1	Thermal compound			
U1-U3, IEC assembly	M3x10	4	Screw countersunk			
IEC assembly	M3x12	1	Screw countersunk			
XLR assembly	2.9x9.5	6	Self taping screw pan head			
U1-U3, Plate assembly	M3x10	4	Screw pan head			
U1-U3 assembly	M3	6	Nut			
Case connection	M3	1	Shakeproof washer			
IEC, Plate assembly	M3	3	Self locking nut			
Transformer assembly		1	Transformer plate		120x92	
Case		1	PSL2 case			
Main PCB		1	PCB		120x230	
		1	Power cord		180cm	
Case connection		1	Flexible wire 0.5mm ² , Black		5cm	
Case connection		1	Tinned copper wire D0.9mm (20wg)		3cm	
Front & back panel wiring		1	High temp wire red		75cm	
Front panel wiring		1	Heat shrink tubing D4.8mm		8cm	
		1	Warning label			

(1) Data can be changed without notice

(2) Rx : spacing between leads or pins=x, Dx : diameter=x, Lx : Pot spindle length=x, Dimensions in mm unless differently stated

(1) Les donnée peuvent être modifiées sans préavis

(2) Rx : distance entre les pattes=x, Dx : diamètre=x, Lx : longueur axe du potentiomètre=x, Dimensions en mm sauf mention contraire

Schematic Rev 1.2

PCB Rev 1.2

Last modified : 02/12/2009