

Main Printed Circuit Board Components

Ref	Part Number	Qty	
C1,2	10pF Ceramic	2	
C3	100uF 16V Electrolytic	1	
C4,5	10nF Polyester	0	
C6	3n3F Polyester	0	
C7	100nF Polyester	0	
C8,C9	Not Fitted	0	
C10	470uF 35V Electrolytic	0	
C11	47uF 50V Electrolytic	1	
C12	470uF 16V Electrolytic	1	
D1	BYV27-200	0	
D2			
D3			
D4			
D5			
D6			
D7			
D8			
D9	1N4002	1	
D10	1N5819	1	
ZD1	BZX85C30	1	
L1	Inductor	1	
R1	10k 1% MF25	4	
R2			
R3			
R4			
R12			Not Fitted
R13			Not Fitted
R14	1k0 1% MF25	2	
R15			
R8	22k 1% MF25	0	
R9	4k7 1% MF25	3	Not Fitted
R10			Not Fitted
R11			Not Fitted
R19			
R20			
R21			
R22	100R 1% MF25	1	
R16	5k6 1% MF25	0	
R23	1k8 1% MF25	0	Wire Link – Fixed Voltage 5V regulator used
R24	100k 1% MF25	0	
R5,6,7	Wire Link	3	Wires direct to Stepper Driver Module
R17	1R0 1% MRS25	0	
R17a			
R18			
R18a			
TR1	ZTX451	1	
VR1	Pot 5mm Preset 5k0	1	
Xtal1	Xtal 20Mhz LowProfile	1	

Misc Components

Ref	Part Number	Qty	
	40pin Socket	1	
IC1	PIC16F877	1	
IC2	L297	0	
IC3	L298	0	
IC4	LM2574HV-5V	1	
PL1 PL2 S3	10Way Header	3	
PB1 to PB16	Push Button	16	
LED1	3mm Red LED	1	
PLX	16cm 10Way Cable Assy.	1	
S3X	9Way 'D' Cable Assy.	1	
	Clamp Bolts	2	
	Power Connector	0	
	4Pin XLR Connector	0	
	Assorted Wires	0	
	Terminal Lead	0	
	Ferrite core	0	
	Heat sink	0	
	20mm M3 Spacer	1	
	2 line LED Display	1	Large Screen Version
	Inter PCB Ribbon	10w	
	Fan	0	
	Metal grill	0	
	Self Tapping Screw	0	
	6mm M3 Panhead screw	1	
	M3 Full Nut	18	
	M4 Plain Washer	9	Compensate for thickness of box.
	M3 Shakeproof Washer	9	
	M3 Nylon Washer	0	
	Small Cable Tie	0	
	Rubber Foot	0	
	4pin XLR Plug	0	