

Dtronixs Bill of Materials

Project: Rpi Motor Controller Board
Version: v0.10
Date: 28-Oct-12
File: BOM_RPi_MiniPio_Motor293D_0v10A.xls

ID	Qty	Part	Manufacturer	Package	Description	Supplier #1	Part	Supplier #2	Part	Notes
PCB	1	RPi_MiniPio_Motor293D.pcb V0.	NA	NA	40.0mm x 50.0mm Double Sided PCB	PCB				
C1,C2, C3,C4, C5,C6 C7,C8	6	C320C104K5R5TA	Kemet	TH	Capacitor, 100nF/50V X7R	RS	538-1310			
	2	ECA1VM470	Panasonic	TH	Capacitor, 47uF/35V Radial L=11, Dia=5, Pitch=2	RS	228-6751			
U1	1	L293D	ST	TH	IC - Motor, Dual H-Bridge	RS	714-0622			
K1	1	1-215307-3	TE	TH	Connector - 0.1" x 0.1" Boardmount Socket 26W	RS	681-1351			
K2,K3, K4	3	MKDS 1/2-3.81	Phoenix Contact	TH	Connector - Screw Termimal 3.81mm 2W PCB Vertical	RS	101-5384			
J1	1	M20-9990246	Harwin	TH	Pin Header, Vertical 2.54mm 2W	RS	745-7065			
J2,J3	1	Do Not Fit	N/A	TH	Do Not Fit	-	-			

Notes:
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