

# Bill of Materials

# MTD6501D Daughter Board

Document Number: 02-10177  
Board Number: 04-10177  
Part Number: ADM00533  
Revision: 1  
Engineer: Gilles Di Pietrantonio  
Drawn By: Gilles Di Pietrantonio



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Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
1	C1	CAP CER 1uF 16V 10% X7R SMD 0603	Taiyo Yuden	EMK107B7105KA-T	Digi-Key	587-1241-1-ND
1	C2	CAP CER 1uF 10V 20% X7R SMD 0603	TDK	C1608X7R1A105M	Digi-Key	445-5139-1-ND
1	J1	CON HDR-2.54 Male 1x3 Tin 6.2MH TH R/A	Molex Inc	0022288030	Digi-Key	WM50013-03-ND
1	J4	CON HDR-2.54 Male 1x5 Gold 5.84MH TH VERT	Samtec	TSW-105-07-S-S	Digi-Key	SAM1033-05-ND
1	J5	CON HDR-2.54 Male 1x6 Gold 5.84MH TH VERT	FCI	68001-106HLF	Digi-Key	609-3272-ND
1	R1	RES TKF 10k 1% 1/16W SMD 0603	SPC Technology	MCHP03W8F1002T5E	Newark	01N6844

### Microchip Parts listed below

1	U1	MCHP ANALOG MOTOR DRIVER MTD6501D-LC1 MSOP-10	Microchip Technology	MTD6501D-LC1	Digi-Key	MTD6501D-LC1-ND
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### Do Not Populate Parts listed below

1	R2	RES TKF 10k 1% 1/16W SMD 0603	SPC Technology	MCHP03W8F1002T5E	Newark	01N6844
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