

Bill of Materials

MCP25625 PICTail Plus

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Board Number: 04-10350
Part Number: ADM00617
Revision: 1
Engineer: Fernando Gonzalez
Drawn By: Fernando Gonzalez



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Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
9	+3.3V, +5V, CANH, CANL, TP4, TP5, TP6, TP7, VDD	CON TP LOOP Tin SMD	Harwin Inc	S1751-46R	Digi-Key	952-1478-1-ND
2	C1, C14	CAP CER 10uF 6.3V 10% X5R SMD 0805	KEMET	C0805C106K9PACTU	Digi-Key	399-3138-1-ND
6	C2, C7, C11, C12, C13, C15	CAP CER 0.1uF 25V 10% X7R SMD 0805	Murata	GRM21BR71E104KA01L	Digi-Key	490-1673-1-ND
2	C8, C10	CAP CER 47pF 200V 5% C0G, NP0 SMD 0805	KEMET	C0805C470J2GACTU	Digi-Key	C0805C470J2GACTU-ND
1	C9	CAP CER 4700pF 100V 10% X7R SMD 0805	TDK Corporation	C2012X7R2A472K	Digi-Key	445-1341-1-ND
2	D3, D4	DIO TVS MMBZ27VCLT1G 22V 40W SOT-23-3	ON Semiconductor	MMBZ27VCLT1G	Digi-Key	MMBZ27VCLT1GOSCT-ND
3	INT, RXD, TXD	DIO LED RED 1.7V 20mA 11.7mcd Diffuse SMD 0805	CML Technologies	7012X1	Digi-Key	L61101TR-ND
1	J1	CON HDR-2.54 Male 1x10 Gold 5.84MH TH VERT	Samtec	TSW-110-07-L-S	Samtec	TSW-110-07-L-S
1	J3	CON HDR-2.54 Male 1x6 Tin 5.84MH TH VERT	Sullins	PEC06SAAN	Digi-Key	S1012E-06-ND
1	J5	CON DSUB DE-9 Male TH R/A	FCI	10090097-P094VLF	Digi-Key	609-4003-ND
2	JP1, JP2	CON HDR-2.54 Male 1x3 Tin 5.84MH TH VERT	Samtec	TSW-103-07-T-S	Digi-Key	SAM1035-03-ND
2	JP1_shunt, JP2_shunt	MECH HW JUMPER 2.54mm 1x2 Handle Gold	TE Connectivity	881545-2	Digi-Key	A26242-ND
5	JP3, JP4, JP5, JP6, JP7	CON HDR-2.54 Male 1x2 Tin 6.10MH TH VERT	Molex Inc	0022284020	Digi-Key	WM50014-02-ND
4	PAD1, PAD2, PAD3, PAD4	MECH HW RUBBER PAD CYLINDRICAL D7.9 H5.3 BLACK	3M	SJ61A11	Digi-Key	SJ5747-0-ND
4	R1, R2, R3, R6	RES TKF 10k 1% 1/8W SMD 0805	Panasonic	ERJ-6ENF1002V	Digi-Key	P10.0KCTR-ND
3	R4, R5, R7	RES TKF 470R 1% 1/16W SMD 0805	Stackpole Electronics Inc	RMCF0805FT470R	Digi-Key	RMCF0805FT470RCT-ND
2	R8, R9	RES TKF 60.4R 1% 1/4W SMD 1206	Yageo	RC1206FR-0760R4L	Digi-Key	311-60.4FRCT-ND
1	SW1	SWITCH TACT SPST 32V 50mA KSR231GLFS SMD	C&K Components	KSR231GLFS	Digi-Key	401-1706-1-ND

1	U2	MCHP INTERFACE CAN MCP25625-E/ML QFN-28	Microchip Technology	MCP25625-E/ML	Digi-Key	MCP25625-E/ML-ND
1	X1	RESONATOR 20MHz 0.1% SMD CSTCE-V13L	Murata Electronics North	CSTCE20M0V13L99-R0	Digi-Key	490-11070-1-ND

Microchip Parts listed below

Mechanical Parts to be added in the package

1	LABEL1	LABEL, NEED HELP WITH ASSY/SERIAL				

PCB

1	PCB1	Printed Circuit Board		04-10350-R1		
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Do Not Populate Parts listed below

Approved	Notes

