

Bill of Materials

MCP2200 Isolated USB to UART Demo Board

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 Part Number: ADM00276
 Revision: 4
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Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
4	C1, C2, C3, C4	CAP CER 0.1uF 16V 10% X7R SMD 0603	Samsung	CL10B104KO8NUNC	Digi-Key	1276-1005-1-ND
2	C5, C6	CAP CER 18pF 50V 5% NP0 SMD 0603	KEMET	C0603C180J5GACTU	Digi-Key	399-1052-1-ND
1	J1	CON USB MINI-B Female SMD R/A	Hirose	UX60-MB-5ST	Digi-Key	H2959CT-ND
1	J2	CON HDR-2.54 Female 1x6 Gold TH R/A	Sullins	PPPC061LGBN-RC	Digi-Key	S5481-ND
2	LD1, LD3	DIO LED GREEN 2.2V 25mA 10mcd Diffuse RAD 1.8mm	Kingbright Corp	WP4060GD	Digi-Key	754-1373-ND
1	LD2	DIO LED RED 1.85V 30mA 200mcd Diffuse RAD 1.8mm	Kingbright Corp	WP4060SRD	Digi-Key	754-1375-ND
1	R1	RES TKF 4.7k 5% 1/10W SMD 0603	Yageo	RC0603JR-074K7L	Digi-Key	311-4.7KGRTR-ND
3	R2, R3, R4	RES TKF 1k 5% 1/10W SMD 0603	Panasonic	ERJ-3GEYJ102V	Digi-Key	P1.0KGCT-ND
1	U2	IC PHOTO FOD8012 Bi-Dir 3.3V and 5V SOIC-8	Fairchild Semiconductor	FOD8012	Digi-Key	FOD8012-ND
1	X1	CRYSTAL 12MHz 18pF SMD HC49/US	Abracon	ABLS-12.000MHZ-B4-T	Digi-Key	535-10218-1-ND

Microchip Parts listed below

1	U1	MCHP INTERFACE USB UART MCP2200- I/SS SSOP-20	Microchip	MCP2200-I/SS	Digi-Key	MCP2200-I/SS-ND

Mechanical Parts to be added in the package

1	CBL1	MECH HW CABLE USB-A Male to Mini USB-B Male 3ft Black	Katerno	10UM-02103BK	Katerno	10UM-02103BK
1	Enclosure1	MECH HW ENCLOSURE P3A-201005S- MIC12040 REV 2 (PMS485 red with white pad stamp)	New Age Enclosures	PXA-201005S-MIC12040 REV 2		
3	M1, M2, M3	MECH HW STAND-OFF LED T1-3/4 0.120" Black	Bivar	LTM-120	Digi-Key	492-1301-ND

Do Not Populate Parts listed below					

Approved	Notes
	M1, M2, M3 Mount all LEDs on these standoffs.

