

BOM MARS MINI - NODE LEVEL SHIFTER REV H

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Item Num	Quantity	Value	Part Reference	PCB Footprint	VENDOR	VENDOR_PT_NO
1	4	0.1uF	C1 C2 C3 C4	c_0805	Digikey	1276-6840-1-ND
2	1	1uF	C5	c_0805	Digikey	1276-6470-1-ND
3	1	TVS_5V_Standoff	D2	diode_sma_bidir	Digikey	SMAJ5.0CALFCT-ND
4	3	1881529	J5 J7 J9	PHOENIX_1881529	Digikey	277-1449-ND
5	1	5102322-4	J6	TE_5102322-4_drt	Arrow	5102322-4
6	1	1881464	J8	PHOENIX_1881464	Digikey	277-1443-ND
7	4	E	MT1 MT2 MT3 MT4	mt_6_washer	n/a	n/a
8	3	1881406	P5 P7 P9	UNASSIGNED	Digikey	277-1438-ND
9	1	1658621-4	P6	UNASSIGNED	Arrow	1658621-4
10	1	1881341	P8	UNASSIGNED	Digikey	277-1432-ND
11	1	0 Ohms	R1	r_1210	Digikey	541-0.0NCT-ND
12	10	5k	RN10 RN1 RN2 RN3 RN4 RN5 RN6 RN7 RN8 RN9	SOIC127P607X173-8L4N	Digikey	ORNT-5KACT-ND
13	6	TP_040	TP1 TP2 TP3 TP4 TP5 TP6	tp_040	Digikey	36-5002-ND
14	4	SN74HC02NSR	U1 U2 U3 U4	SOIC14P127_1050X780X200L80X43N	Arrow	SN74HC02NSR
15	2	ULN2803ADWR	U5 U6	SOIC127P1030X265-18N	Arrow	ULN2803ADWR