Qty	Value	Device	Package	Parts	Description	Digikey
4	0.01uF	CAPPTH2	C-PTH-0.100	C2, C3, C4, C5		
2	0.100	CONNECTOR-M08LOCK_LONGPADS	1X08_LOCK_LONGPADS	J1, J2	Header 8	
2	0.100	M02POLAR_LOCK	MOLEX-1X2_LOCK	GND, LEDCOM	Header 2	
4	0.100	M081X08	1X08	IO1, IO2, IO3, IO4	Header 8	
1	0.100	PINHD-1X4/90	1X04/90	I2CHDR	PIN HEADER	
1	0.1uF	CAPPTH2	C-PTH-0.100	C1		
1	1.0uF	CAPPTH1	C050-024X044	C7		
1	10uF	CAPPTH1	C050-024X044	C6		
1	12k	RPTH04	AXIAL-0.4-RES	R1	Resistor	
1	150uF	CAP-POLPTH-5MM	E5-10.5	C8		P15352CT-ND
1	1N4148	DIODE1N4148	DIODE-1N4148	D1	Diode	
1	2.1mm	CONNECTOR-DC-POWER-RA	DCJ0202	J3	DC POWER JACK	
1	2k2	RPTH04	AXIAL-0.4-RES	R3	Resistor	
2	3.5mm	CONNECTOR-CMRINET3.5MM	CMRINET-3.5MM	RS485-3, RS485-4	CMRINet Top 3.5mm Screw Terminal 5 pos	ED2743-ND
1	470	RPTH04	AXIAL-0.4-RES	R2	Resistor	
1	5v	VREG-PTH-RA-	TO-220-RA	VR5.0	Voltage Regulator	MC7805ABTG
1	BOARD	BOARD69X100MRCS	BOARD-DINRAIL-2.71IN-MRCS	BOARD1		
1	DAVEK	ARDUINO-PRO-MINIDAVESROBOT	ARDUINO_PRO_MINI_DAVEK	ARDUINO1		
1	G	LEDLED3MM	LED3MM	TX		
1	MAX3465CPD	MAX3465CPD	DIL14	U1	+5V, Fail-Safe, 40Mbps, Profibus RS-485/RS-422 Transceivers	2156-MAX3465CPD-ND
1	NE555P	NE555P	DIL-08	U2	General purpose bipolar Timer	Jameco
1	socket 8		DIL-08			AE9986-ND
1	socket 14					1175-1487-ND
2	female header 12					S7045-ND
1	female header 2					SAM15121-ND