



# Part List

## Bill of Materials For Project [PI\_CAN\_Interface\_v2.PrjPcb] (No PCB Docu

Source Data From:

PI\_CAN\_Interface\_v2.PrjPcb

Project:

PI\_CAN\_Interface\_v2.PrjPcb

Variant:

None

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Designator	Comment	#	Column Name Error:LibRef	#	Column Name Error:Foot	Description
C1, C2	20pF					CAP CER 20p 0805
C3, C4, C5, C12	100n					CAP CER 100n 10V X5R 10% 0603
C6, C7	2.2uF					CAP CER 2.2u X7R 100V 20% 1210
C8	100uF					CAP CER 100u X5R 6.3V 10% 1210
C9	15n					CAP CER 15n 0603
C10	68p					CAP CER 68p 0603
C11	10uF					CAP TANT 10u
D1	B360B					DIODE SCHOTTKY 60V 3A DO214AC
D2	SK34					DIODE SCHOTTKY 40V 3A DO214AC
J1	00000005					
J2						
J3	00000006					
L1	10uH					FIXED IND 10uH 3A
LED1, LED2, LED3, LED4	LED GREEN					LED GREEN CLEAR 0805 SMD
LED5	LED RED					LED RED 0805
P1						
P2, P3	RJ-11					
R1	4.7k					RES SMD 4.7 kOhm 1/8W 0805
R2	330k					RES SMD 330 kOhm 1/8W 0805
R3	51k					RES SMD 51 kOhm 1/8W 0805
R4	56k					RES SMD 56 kOhm 1/8W 0805
R5	160k					RES SMD 160 kOhm 1/8W 0805
R6	15k					RES SMD 15 kOhm 1/8W 0805
R7	9.1k					RES SMD 9.1 kOhm 1/8W 0805
R8	620R					RES SMD 620 Ohm 1/8W 0805
R9	120R					RES SMD 120 Ohm 1/8W 0805
R10, R11, R12, R13, R14	1k					RES SMD 1 kOhm 1/8W 0805
R?	10k					RES SMD 10 kOhm 1/8W 0805
U1	MCP2515-I/SO					IC CAN CONTROLLER W/SPI 18SOIC
U2	SN65HVD230DR					IC EMC CAN TRANSCEIVER 8-SOIC
U3	TPS54340					DC-DC Buck Regulator
U4	LM2937-5					IC REG LINEAR 5V 400MA SOT223-4
Y1	16MHz					Crystal Oscillator