

Variant: None
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 TID #: TIDA-060013



TIDA-060013 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB	1		XX####	Any	Printed Circuit Board	
2	C1, C2, C3, C8, C9	5	0.1uF	885012206020	Wurth Elektronik	CAP, CERM, 0.1 uF, 10 V,+/- 10%, X7R, 0603	0603
3	C6, C7	2	0.1uF	C1608X5R1H104K080AA	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X5R, 0603	0603
4	D1, D2	2	24V	NUP2105LT1G	ON Semiconductor	Diode, TVS, Bi, 24 V, SOT-23	SOT-23
5	FID1, FID2, FID3	3		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	N/A
6	H1, H2, H3, H4	4		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Phillips panhead	Screw
7	J3	1		ED555/6DS	On-Shore Technology	Terminal Block, 3.5mm Pitch, 6x1, TH	20.5x8.2x6.5mm
8	J4	1		961102-6404-AR	3M	Header, 2.54mm, 2x1, TH	Header, 2.54mm, 2x1, TH
9	LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650 x 0.200 inch
10	R1, R2, R3, R4, R5, R6, R15, R16, R17, R18	10	4.70k	RT0603BRD074K7L	Yageo America	RES, 4.70 k, 0.1%, 0.1 W, 0603	0603
11	R7, R8, R9, R10	4	62	CRCW060362R0JNEA	Vishay-Dale	RES, 62, 5%, 0.1 W, 0603	0603
12	R11, R12, R13, R14	4	0	CRCW12100000Z0EA	Vishay-Dale	RES, 0, 1%, 0.5 W, AEC-Q200 Grade 0, 1210	1210
13	TP1, TP2, TP7, TP8	4		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
14	TP3, TP4, TP5, TP6	4		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
15	U1	1		P82B96D	Texas Instruments	Dual Bidirectional Bus Buffer, 2 Channel Width, 2.0 to 15.0 V, -40 to 85 degC, 8-pin SOIC (D), Green (RoHS & no Sb/Br)	D0008A
16	U2, U3	2		TCAN1042HGVD RBQ1	Texas Instruments	Automotive Fault Protected CAN Transceiver With Flexible Data-Rate, DRB0008F (VSON-8)	DRB0008F

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