

Bill of Materials

TI DESIGNS TIDA-00528

Manufacturer	Part Number	Description	Designator	Footprint	LibRef	Quantity
		222 222				
Keystone	5016	Test Point, Compact, SMT	A0, A1, GND, GND_OPA, SCL, SDA,	Testpoint_Keystone_Compact	5016	10
AVX	08055C104KAT2A	CAP, CERM, 0.1uF, 50V, +/-1	C1i, C2i, C4i	0805_HV	08055C104KAT2A	3
TDK	C2012X5R1E106K125AB	CAP, CERM, 10uF, 25V, +/-1	C3i	0805_HV	C2012X5R1E106K125AB	1
ON Semiconductor	MMSZ4689T1G	Diode, Zener, 5.1 V, 500 mW	D2i	SOD-123	MMSZ4689T1G	1
Lite-On	LTST-C190GKT	LED, Green, SMD	D3i	LED_LTST-C190	LTST-C190GKT	1
Lite-On	LTST-C190CKT	LED, Red, SMD	D4i	LED_LTST-C190_Red	LTST-C190CKT	1
AVX	F0603G0R05FNTR	Fuse, 50 mA, 32 V, SMD	F1	0603	F0603E3R00FSTR	1
B&F Fastener Supply	NY PMS 440 0025 PH	Machine Screw, Round, #4-40	H1, H2, H3, H4	NY PMS 440 0025 PH	NY PMS 440 0025 PH	4
Keystone	1902C	Standoff, Hex, 0.5"L #4-40 Ny	H5, H6, H7, H8	Keystone_1902C	1902C	4
	ED555/3DS	Terminal Block, 6A, 3.5mm P	J1i	TERM_BLK_ED555-3DS	ED555/3DS	1
On-Shore Technology	ED555/4DS	Terminal Block, 6A, 3.5mm P	J2i	TERM_BLK_ED555-4DS	ED555/4DS	1
Samtec	TSW-103-07-G-S	Header, TH, 100mil, 3x1, Gol	J3i, J4i, J5i, J6i	TSW-103-07-G-S	TSW-103-07-G-S	4
Mill-Max Manufacturing						
Corp.	851-43-010-20-001000	10-Pin 50-mil Connector of SI		851-43-010-20-001000	SM-USB-DIG-CONN	1
IXYS	IXTT16P60P	MOSFET, P-CH, -600 V, -16	Q1i	TO-268	IXTT16P60P	1
Vishay-Dale	TNPW060310R0BEEA	RES, 10.0, 0.1%, 0.1 W, 0603	R1i, R9i, R10, R11	0603	TNPW060310R0BEEA	4
Vishay-Dale	CRCW060310K0FKEA	RES, 10.0 k, 1%, 0.1 W, 0600	R2i	0603	CRCW060310K0FKEA	1
Vishay-Dale	CRCW06030000Z0EA		R3i	0603	CRCW06030000Z0EA	1
Vishay-Dale	CRCW12061M20JNEA	RES, 1.2 M, 5%, 0.25 W, 120		1206	CRCW12061M20JNEA	2
Yageo America	RC0603JR-071KL	RES, 1.0 k, 5%, 0.1 W, 0603	R8i	0603	RC0603JR-071KL	1
Vishay-Dale	CRCW2512150KFKEG	RES, 150 k, 1%, 1 W, 2512	R12i, R13i	2512	CRCW2512150KFKEG	2
Vishay-Dale	CRCW06034K75FKEA	RES, 4.75 k, 1%, 0.1 W, 0603	R14i	0603	CRCW06034K75FKEA	1
Vishay-Dale	CRCW060310K0JNEA	RES, 10 k, 5%, 0.1 W, 0603	R15i, R16i	0603	CRCW060310K0JNEA	2
Vishay-Dale	CRCW0603910RJNEA	RES, 910, 5%, 0.1 W, 0603	R17i, R18i	0603	CRCW0603910RJNEA	2
Diodes Inc.	SMBJ24A-13-F	Diode, TVS, Uni, 24V, 600W,	Tranzorb1i	SMB	SMBJ24A-13-F	1
Texas Instruments	OPA333AMDBVREPG4	Enhanced Product, Micropow	U1i	DBV0005A_N	OPA333AMDBVREPG4	1
Texas Instruments	INA226		U2i	DGS0010A_M	INA226	1

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