

## TIDA-010261 REV E3 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB	1		TIDA-010261	Any	Printed Circuit Board	
C1	1	100pF	885012006057	Würth Elektronik	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C2	1	10uF	885012208069	Würth Elektronik	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 1206	1206
C3, C6	2	0.01uF	CGA3E2C0G1H103J080AA	TDK	CAP, CERM, 0.01 uF, 50 V, +/- 5%, C0G/NP0, AEC-Q200 Grade 1, 0603	0603
C4	1	0.047uF	CGA3E2X7R1H473K080AA	TDK	CAP, CERM, 0.047 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
C5	1	0.1uF	C0603C104K5RACTU	Kemet	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	0603
C7	1	0.47uF	C0603C474K8RACTU	Kemet	CAP, CERM, 0.47 uF, 10 V, +/- 10%, X7R, 0603	0603
C8	1	1000pF	C0603C102J5GACTU	Kemet	CAP, CERM, 1000 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C9, C16, C18	3	0.1uF	885012206020	Würth Elektronik	CAP, CERM, 0.1 uF, 10 V, +/- 10%, X7R, 0603	0603
C10, C34, C35, C36, C37, C38	6	22uF	885012107011	Würth Elektronik	CAP, CERM, 22 uF, 10 V, +/- 20%, X5R, 0805	0805
C11, C31, C41, C68, C70, C71	6	10uF	885012207026	Würth Elektronik	CAP, CERM, 10 uF, 10 V, +/- 10%, X7R, 0805	0805
C12, C13, C64, C65, C81, C82	6	100nF	885012205086	Würth	100 nF ±10% 50V Ceramic Capacitor X7R 0402 (1005 Metric)	0402
C14, C25	2	1uF	885012106017	Würth Elektronik	CAP, CERM, 1 uF, 16 V, +/- 20%, X5R, 0603	0603
C15, C17	2	470pF	885012006012	Würth Elektronik	CAP, CERM, 470 pF, 10 V, +/- 5%, C0G/NP0, 0603	0603
C19, C20, C21	3	22µF	885012209074	Würth	22 µF ±10% 25V Ceramic Capacitor X7R 1210 (3225 Metric)	1210
C22, C23	2	4.7µF	885012209048	Würth	4.7 µF ±10% 50V Ceramic Capacitor X7R 1210 (3225 Metric)	1210
C24	1	22pF	GRM1885C2A220JA01D	MuRata	CAP, CERM, 22 pF, 100 V, +/- 5%, C0G/NP0, 0603	0603
C26, C27, C28, C29, C30, C40, C46, C52, C56, C67, C69, C72, C73, C74, C75, C76, C77, C78, C79, C80, C83	21	0.1uF	885012105016	Würth Elektronik	CAP, CERM, 0.1 uF, 16 V, +/- 20%, X5R, 0402	0402
C32, C33	2	120pF	06035A121JAT2A	AVX	CAP, CERM, 120 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C39, C51, C55	3	1uF	885012105012	Würth Elektronik	CAP, CERM, 1 uF, 10 V, +/- 20%, X5R, 0402	0402
C42	1	47uF	EEE-FP1V470AP	Panasonic	CAP, AL, 47 uF, 35 V, +/- 20%, 0.26 ohm, AEC-Q200 Grade 2, SMD	D6.3xL5.8
C43	1	0.01uF	1825GC103KAT1A	AVX	CAP, CERM, 0.01 uF, 2000 V, +/- 10%, X7R, 1825	1825
C44	1	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 uF, 50 V, +/- 10%, X7R, 1210	1210
C45	1	0.01uF	C1206X103KDRAC7800	Kemet	CAP, CERM, 0.01 µF, 1000 V, +/- 10%, X7R, 1206	1206
C48, C49	2	100nF	885012207098	Würth Elektronik	0.1 µF ±10% 50V Ceramic Capacitor X7R 0805 (2012 Metric)	0805
C50, C54	2	10µF	885012106031	Würth	10 µF ±20% 25V Ceramic Capacitor X5R 0603 (1608 Metric)	0603
C53, C57, C58, C61	4	10nF	885012205067	Würth Electronics	10000pF ±10% 50V Ceramic Capacitor X7R 0402 (1005 Metric)	0402
C59, C60	2	22pF	GCM1555C1H220JA16D	MuRata	CAP, CERM, 22 pF, 50 V, +/- 5%, C0G/NP0, AEC-Q200 Grade 1, 0402	0402
C62, C63	2	100pF	885012005061	Würth Elektronik	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
D1, D2, D5, D6, D7, D10, D12	7		PMEG6010AESBYL	Nexperia	DIODE SCHOTTKY 60V 1A DSN1006-2	SOD993
D3, D4	2	Green	150060VS75000	Würth Elektronik	LED, Green, SMD	LED_0603
D8	1	30V	BAT54AT-7-F	Diodes Inc.	Diode, Schottky, 30 V, 0.2 A, SOT-523	SOT-523
D9, D14, D15, D16, D17, D23, D24, D33, D34	9	Green	150040GS73240	Würth Elektronik	LED, Green, SMD	1x0.5mm
D11	1	Red	150060RS75000	Würth Elektronik	LED, Red, SMD	LED_0603
D13	1	36V	SM6T42CAY	STMicroelectronics	Diode, TVS, Bi, 36 V, 76 Vc, AEC-Q101, SMB	SMB
D18, D19, D21, D22	4	100V	MURA110T3G	ON Semiconductor	Diode, Ultrafast, 100 V, 2 A, SMA	SMA
D20	1	36V	SMCJ36CA	Littelfuse	Diode, TVS, Bi, 36 V, 58.1 Vc, SMC	SMC
D25, D26, D27, D28, D29, D30, D31, D32	8		150040SS73220	Würth Electronics	Red 630nm LED Indication - Discrete 2V 0402 (1005 Metric)	0402
F1	1		0454002.MR	Littelfuse	Fuse, 2 A, 125VAC/VDC, SMD	SloBlo452
H1, H2, H3, H4, H9, H10	6		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw
H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
J1	1		QSH-030-01-L-D-A	Samtec	Receptacle, 0.5 mm, 30x2, Gold, TH	Receptacle, 0.5 mm, 30x2, TH
J2, J9, J10, J15, J16	5		61300211121	Würth Elektronik	Header, 2.54 mm, 2x1, Gold, TH	Header, 2.54mm, 2x1, TH
J3, J11	2		61300311121	Würth Elektronik	Header, 2.54 mm, 3x1, Gold, TH	Header, 2.54mm, 3x1, TH
J4	1		61300611121	Würth Elektronik	Header, 2.54 mm, 6x1, Gold, TH	Header, 2.54mm, 6x1, TH
J5	1		61300411121	Würth Elektronik	Header, 2.54 mm, 4x1, Gold, TH	Header, 2.54mm, 4x1, TH
J6	1		691216710003	Würth	3 Position Wire to Board Terminal Block Horizontal with Board 0.197" (5.00mm) Through Hole	HDR3
J7	1		1163797	Phoenix Contact	Jack Modular Connector 2P2C Single Pair Ethernet (SPE) 90° Angle (Right) Shielded CatB	PTH_ETHERNET_CO NNECTOR
J8	1		629105150521	Würth Electronics	USB - micro B USB 2.0 Receptacle Connector 5 Position Surface Mount, Right Angle; Through Hole	CONN_USB_8MM0_6 MM6
J12, J13	2		SSQ-110-03-F-D	Samtec	Receptacle, 2.54mm, 10x2, Gold, TH	Receptacle, 2.54mm, 10x2, TH
J14	1		PJ-102AH	CUI Inc.	DC POWER JACK, R/A, TH	DC POWER JACK, R/A, TH
J17	1		693071010811	Würth Elektronik	MicroSD Card Connector, R/A, Gold, SMT	MicroSD Card Connector, R/A, SMT
J18	1		FTR-110-51-S-D-06	Samtec	Header, 1.27mm, 10x2, Tin, SMT	Header, 1.27mm, 10x2, SMT
L1	1	1uH	74438357010	Würth Elektronik	Inductor, Shielded, 1 µH, 7.4 A, 0.0135 ohm, SMD	4.1x4.1mm
L2	1		744870471	Würth Elektronik	Coupled inductor, 470 uH, 0.9 A, 1 ohm, SMD	SMD, 12.5x12.5mm
L3	1	2.5uH	744031002	Würth Elektronik	Inductor, Shielded Drum Core, Ferrite, 2.5 uH, 1.25 A, 0.05 ohm, SMD	WE-TPC-S
L4	1	120 ohm	74279202	Würth Elektronik	Ferrite Bead, 120 ohm @ 100 MHz, 0.5 A, 0805	0805
L5, L6	2	470uH	744242471	Würth Elektronik	Coupled inductor, 470 uH, 0.4 A, 0.35 ohm, SMD	5x3.3mm

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L7, L8	2	0.47uH	744383560047HT	Wurth	470 nH Shielded - Inductor 8.5 A 8.1mOhm Max 1616 (4040 Metric) -	1616
L9	1	1000 ohm	74279266	Wurth Elektronik	Ferrite Bead, 1000 ohm @ 100 MHz, 0.2 A, 0603	0603
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
Q1, Q4	2	100V	CSD19538Q2	Texas Instruments	MOSFET, N-CH, 100 V, 4.5 A, DQK0006C (WSON-6)	DQK0006C
Q2, Q3	2	60V	CSD18541F5	Texas Instruments	MOSFET, N-CH, 60 V, 2.2 A, YJK0003A (PICOSTAR-3)	YJK0003A
Q6	1	45 V	BC817-16LT1G	ON Semiconductor	Transistor, NPN, 45 V, 0.5 A, SOT-23	SOT-23
R1, R10, R13, R46, R77, R78, R125, R168, R169	9	0	ERJ-3GEY0R00V	Panasonic	RES, 0, 5%, 0.1 W, 0603	0603
R2, R5, R27	3	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
R3	1	63.4k	RT0603BRD0763K4L	Yageo America	RES, 63.4 k, 0.1%, 0.1 W, 0603	0603
R4	1	22.0k	ERJ-3EKF2202V	Panasonic	RES, 22.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R6	1	120k	CRCW0603120KJNEA	Vishay-Dale	RES, 120 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R7	1	68.0k	RC0603FR-0768KL	Yageo	RES, 68.0 k, 1%, 0.1 W, 0603	0603
R8	1	33.2k	CRCW060333K2FKEA	Vishay-Dale	RES, 33.2 k, 1%, 0.1 W, 0603	0603
R9	1	3.6k	CRCW06033K60JNEA	Vishay-Dale	RES, 3.6 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R11	1	475k	CRCW0603475KFKEA	Vishay-Dale	RES, 475 k, 1%, 0.1 W, 0603	0603
R12	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
R14, R22	2	390	CRCW0603390RFKEA	Vishay-Dale	RES, 390, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R15	1	16.9k	CRCW060316K9FKEA	Vishay-Dale	RES, 16.9 k, 1%, 0.1 W, 0603	0603
R16, R28, R35, R51, R62, R63, R64, R65, R66, R67, R68, R69, R113, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R153, R154, R155, R156, R157, R158, R159, R160, R167, R170, R171	36	10.0k	RC0603FR-0710KL	Yageo	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R17, R18, R19, R37, R40, R41, R48, R150	8	200k	CRCW0603200KFKEA	Vishay-Dale	RES, 200 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R20, R21, R43, R152	4	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R23	1	24	RC0603FR-0724RL	Yageo	RES, 24.0, 1%, 0.1 W, 0603	0603
R24	1	1.00Meg	CRCW06031M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.1 W, 0603	0603
R25	1	4.53k	RC0603FR-074K53L	Yageo	RES, 4.53 k, 1%, 0.1 W, 0603	0603
R26	1	422k	RC0603FR-07422KL	Yageo	RES, 422 k, 1%, 0.1 W, 0603	0603
R29	1	470k	RC0603FR-07470KL	Yageo	RES, 470 k, 1%, 0.1 W, 0603	0603
R30	1	100k	RC0603FR-07100KL	Yageo	RES, 100 k, 1%, 0.1 W, 0603	0603

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R31	1	560	RC0603JR-07560RL	Yageo	RES, 560, 5%, 0.1 W, 0603	0603
R32	1	47.0k	CRCW060347K0FKEA	Vishay-Dale	RES, 47.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R33, R54, R55, R56, R57, R58, R59, R60, R61, R70, R80, R81, R131, R132, R134, R135, R136	17	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
R34	1	47k	CRCW060347K0JNEA	Vishay-Dale	RES, 47 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R36	1	3.90k	CRCW06033K90FKEA	Vishay-Dale	RES, 3.90 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R38, R39	2	1.50k	CRCW06031K50FKEA	Vishay-Dale	RES, 1.50 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R42	1	768k	CRCW0603768KFKEA	Vishay-Dale	RES, 768 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R44, R116, R176	3	8.2k	CRCW06038K20JNEA	Vishay-Dale	RES, 8.2 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R45, R107, R108	3	68k	CRCW060368K0JNEA	Vishay-Dale	RES, 68 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R49	1	40.2k	CRCW060340K2FKEA	Vishay-Dale	RES, 40.2 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R50	1	13.0k	CRCW060313K0FKEA	Vishay-Dale	RES, 13.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R52	1	680k	RC0603FR-07680KL	Yageo	RES, 680 k, 1%, 0.1 W, 0603	0603
R53	1	51.1k	CRCW060351K1FKEA	Vishay-Dale	RES, 51.1 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R71	1	1.0Meg	CRCW20101M00JNEF	Vishay-Dale	RES, 1.0 M, 5%, 0.75 W, AEC-Q200 Grade 0, 2010	2010
R72	1	100	CRCW0805100RFKEA	Vishay-Dale	RES, 100, 1%, 0.125 W, AEC-Q200 Grade 0, 0805	0805
R75, R79, R82	3	0	RC0402JR-070RL	Yageo America	RES, 0, 5%, 0.063 W, 0402	0402
R76, R83	2	2.20k	CRCW04022K20FKED	Vishay-Dale	RES, 2.20 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R88, R89, R94, R96, R97, R100, R101, R102, R103, R112	10	2.49k	CRCW04022K49FKED	Vishay-Dale	RES, 2.49 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R109, R111, R175	3	3.3k	CRCW06033K30JNEA	Vishay-Dale	RES, 3.3 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R110, R114, R115, R118, R119, R120, R121, R123	8	100	CRCW0402100RFKED	Vishay-Dale	RES, 100, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R117, R126	2	39.2	CRCW040239R2FKED	Vishay-Dale	RES, 39.2, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R122, R124	2	2.00k	CRCW04022K00FKED	Vishay-Dale	RES, 2.00 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R127, R128	2	470	RC0603JR-07470RL	Yageo	RES, 470, 5%, 0.1 W, 0603	0603
R149	1	16.2k	CRCW060316K2FKEA	Vishay-Dale	RES, 16.2 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R151	1	3.60k	RC0603FR-073K6L	Yageo	RES, 3.60 k, 1%, 0.1 W, 0603	0603
R161, R162, R163, R164, R165, R166	6	33	CRCW060333R0JNEA	Vishay-Dale	RES, 33, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R172, R173, R174	3	22	RC0603FR-0722RL	Yageo	RES, 22.0, 1%, 0.1 W, 0603	0603
S1	1		434121025816	Würth Elektronik	Switch, Tactile, SPST, 12 V, SMD	SMD, 6x3.9mm
SH-J7, SH-J8	2		60900213421	Würth Elektronik	Shunt, 2.54mm, Gold, Black	Shunt, 2.54mm, Black
SW1, SW2, SW3, SW4	4		418121270804	Würth Electronics	Dip Switch SPST 4 Position Surface Mount Slide (Standard) Actuator 25mA 24VDC	SMT_SW_11MM1_6 MM2

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T3	1		74930200	Würth Electronics	Super Tiny Signal Transformer	SMT7_6MM55_5MM35
TP1, TP2, TP3	3		5129	Keystone	Test Point, Multipurpose, Purple, TH	Purple Multipurpose Testpoint
U1	1		TPS79801QDGNRQ1	Texas Instruments	50 mA, 3 V to 50 V, Micropower, Low-Dropout Linear Regulator, DGN0008B (VSSOP-8)	DGN0008B
U3	1		TLV7031DBVR	Texas Instruments	Nanopower, small size comparator with push-pull output, DBV0005A (SOT-23-5)	DBV0005A
U4	1		TPS26602PWPR	Texas Instruments	60V 2A Industrial eFuse With Integrated Reverse-Input Polarity Protection, PWP0016H (TSSOP-16)	PWP0016H
U5	1		TQMa6442L-AA	TQ-Group	universal TQ-LGA mini module based on the TI Sitara family AM64x and AM243x processors with ARM Cortex A53, Cortex R5 and Cortex M4 cores.	LGA366
U6	1		MSP430FR2476TRHBR	Texas Instruments	Mixed-Signal Microcontroller, RHB0032E (VQFN-32)	RHB0032E
U7	1		ATL431BIDBZR	Texas Instruments	2.5V Low Iq Adjustable Precision Shunt Regulator, DBZ0003A (SOT-23-3)	DBZ0003A
U8, U10, U12, U13, U15, U16, U20	7		LSF0108QPWRQ1	Texas Instruments	Automotive 8-Channel Bidirectional Multi-Voltage-Level Translator, PW0020A (TSSOP-20)	PW0020A
U9, U14	2		SN74CBTLV16292VR	Texas Instruments	Multiplexer/Demultiplexer Bus Switch 1-Element CMOS 24-IN 56-Pin TVSOP T/R	TVSOP56
U11, U22	2		LM74700QDBVRQ1	Texas Instruments	Low Iq Always ON Smart Diode Controller, DBV0006A (SOT-23-6)	DBV0006A
U17	1		ESDS302DBVR	Texas Instruments	3.6V Data-Line Surge and 30kV ESD Protection Diode Array, DBV0005A (SOT-23-5)	DBV0005A
U18	1		DP83TD510ERHBR	Texas Instruments	802.3cg 10-M Single-Pair Ethernet PHY for 1000 Meter, RHB0032M (VQFN-32)	RHB0032M
U19	1		TPS61023DRL	Texas Instruments	3-A BOOST CONVERTER WITH 0.5V ULTRA-LOW INPUT VOLTAGE, DRL0006A (SOT-5X3-6)	DRL0006A
U21	1		TVS3301DRBT	Texas Instruments	33 V Bidirectional Flat-Clamp Surge Protection Device, DRB0008A (VSON-8)	DRB0008A
U23	1		TLVM13630RDHR	Texas Instruments	3-V to 36-V Input, 1-V to 6-V Output, 3-A Power Module	QFN-FCMOD30
U24, U30	2		TPS62825ADMQ	Texas Instruments	2.4-V to 5.5-V input, 2A step-down converter with 1% output accuracy in 1.5-mm x 1.5-mm QFN package	VSON6
U25, U26, U27, U28	4		TMUX1574RSVR	Texas Instruments	Low-capacitance, 2:1 (SPDT) 4-channel, powered-off protection switch with 1.8 V logic, RSV0016A (UQFN-16)	RSV0016A
U29	1		SN74AHC1G125DBVR	Texas Instruments	Single Bus Buffer Gate with 3-State Output, DBV0005A (SOT-23-5)	DBV0005A
U31	1		TPS22963CYZPR	Texas Instruments	5.5V, 3A, 13.8mΩ Load Switch with Reverse Current Protection, YZP0006AF (DSBGA-6)	YZP0006AF
U32	1		FT232RQ-REEL	FTDI	Future Technology Devices International Ltd. FT232R USB UART IC, QFN32	32-QFN
U33	1		ISO7021D	Texas Instruments	High Speed, Robust EMC Reinforced Dual-Channel Digital Isolator, D0008B (SOIC-8)	D0008B
U34	1		SN74LVC1G14DCKT	Texas Instruments	Single Schmitt-Trigger Inverter, DCK0005A (SOT-SC70-5)	DCK0005A
Y2	1		ABM8AIG-25.000MHZ-12-2Z-T3	Abrakon Corporation	Crystal, 25 MHz, 12pF, AEC-Q200 Grade 1, SMD	3.2x2.5mm
C66	0	0.01uF	C0402C103J5RACTU	Kemet	CAP, CERM, 0.01 uF, 50 V, +/- 5%, X7R, 0402	0402
FID1, FID2, FID3, FID4, FID5, FID6	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	N/A
R47	0	0	ERJ-3GEY0R00V	Panasonic	RES, 0, 5%, 0.1 W, 0603	0603

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R84	0	0	RC0402JR-070RL	Yageo America	RES, 0, 5%, 0.063 W, 0402	0402
R85, R86, R87, R90, R91, R92, R93, R95, R98, R99, R104	0	2.49k	CRCW04022K49FKED	Vishay-Dale	RES, 2.49 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R129, R130	0	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
R133	0	160k	CRCW0402160KFKED	Vishay-Dale	RES, 160 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
U2	0		LM66100DCKR	Texas Instruments	+/-6V, Low IQ Ideal Diode with Input Polarity Protection, DCK0006A (SOT-SC70-6)	DCK0006A

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