

## TIDA-060014 Bill of Materials

Comment	Description	Designator	Footprint	LibRef	Quantity	PartNumber
Printed Circuit Board	Printed Circuit Board	!PCB		CMP-0003618-2	1	TIDA-060014
CMP-	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X7R, 0402	C1, C2, C3, C4, C13, C14, C15, C16, C25, C26, C27, C28, C37, C38, C39, C40, C49, C50, C51, C52, C61, C62, C63, C64, C73, C74, C75, C76, C77, C78, C87, C88, C89, C90, C99, C100, C101, C102, C111, C112, C113, C114, C123, C124, C125, C126, C135, C136, C137, C138	0402	CMP-0006659-2	50	GRM155R71E104KE14D
0003618-	CAP, CERM, 0.47 uF, 50 V, +/- 10%, X7R, 0603	C5, C6, C7, C8, C9, C10, C11, C12, C17, C18, C19, C20, C21, C22, C23, C24, C29, C30, C31, C32, C33, C34, C35, C36, C41, C42, C43, C44, C45, C46, C47, C48, C53, C54, C55, C56, C57, C58, C59, C60, C65, C66, C67, C68, C69, C70, C71, C72, C79, C80, C81, C82, C83, C84, C85, C86, C91, C92, C93, C94, C95, C96, C97, C98, C103, C104, C105, C106, C107, C108, C109, C110, C115, C116, C117, C118, C119, C120, C121, C122, C127, C128, C129, C130, C131, C132, C133, C134, C139, C140, C141, C142, C143, C144, C145, C146	0603	CMP-0007050-4	96	C1608X7R1H474K080AC
2 1	CAP, CERM, 1 uF, 50 V, +/- 10%, X7R, 0805	C1000	0805_HV	CMP-0007730-2	1	C0805C105K5RACTU
TIDA-	NXP, Schottky Diode, quadruple, 70 V, 70 mA	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D70, D71, D72, D73, D74, D75, D76, D77, D78, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93, D94, D95, D96	SOT363-SC-88	BAS70XY	96	BAS70XY
60014	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	H1, H2, H3, H4	NY PMS 440 0025 PH	CMP-0003617-1	4	NY PMS 440 0025 PH
CD74HC4067SM96	High Speed CMOS 16-Channel Analog Multiplexer/Demultiplexer, DB0024A (SSOP-24)	IC25	DB0024A_L	CMP-0076524-1	1	CD74HC4067SM96
CD74HC238PWT	3-Line To 8-Line Decoders/Demultiplexers, PW0016A, SMALL T&R	IC26	PW0016A_N	CMP-0045020-1	1	CD74HC238PWT
PEC04DAAN	Header, 100mil, 4x2, Tin, TH	J1	CONN_PEC04DAAN	CMP-0054542-1	1	PEC04DAAN
1725711	Terminal Block, 8x1, 2.54 mm, TH	J2, J3, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15	CONN_1725711	CMP-0055477-1	12	1725711
OSTVN02A150	Terminal Block, 2.54mm, 2x1, Brass, TH	J4, J5	On-Shore_OSTVN02A150	CMP-0075076-1	2	OSTVN02A150
MMA02040C2498FA300	RES, 2.49 k, 1%, 0.25 W, 1.4x3.6mm	R1, R2, R3, R4, R9, R10, R11, R12, R17, R18, R19, R20, R25, R26, R27, R28, R33, R34, R35, R36, R41, R42, R43, R44, R49, R50, R51, R52, R57, R58, R59, R60, R65, R66, R67, R68, R73, R74, R75, R76, R81, R82, R83, R84, R89, R90, R91, R92, R97, R98, R99, R100, R105, R106, R107, R108, R113, R114, R115, R116, R121, R122, R123, R124, R129, R130, R131, R132, R137, R138, R139, R140, R145, R146, R147, R148, R153, R154, R155, R156, R161, R162, R163, R164, R169, R170, R171, R172, R177, R178, R179, R180, R185, R186, R187, R188	MMA0204	CMP-0015195-1	96	MMA02040C1201FB300

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CRCW0402402RFKED	RES, 402, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R5, R6, R7, R8, R13, R14, R15, R16, R21, R22, R23, R24, R29, R30, R31, R32, R37, R38, R39, R40, R45, R46, R47, R48, R53, R54, R55, R56, R61, R62, R63, R64, R69, R70, R71, R72, R77, R78, R79, R80, R85, R86, R87, R88, R93, R94, R95, R96, R101, R102, R103, R104, R109, R110, R111, R112, R117, R118, R119, R120, R125, R126, R127, R128, R133, R134, R135, R136, R141, R142, R143, R144, R149, R150, R151, R152, R157, R158, R159, R160, R165, R166, R167, R168, R173, R174, R175, R176, R181, R182, R183, R184, R189, R190, R191, R192	0402	CMP-0026366-2	96	CRCW0402402RFKED
CRCW04020000Z0ED	RES, 0, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	R1000, R1001, R1002, R1003, R1004, R1005, R1006, R1007, R1008, R1009, R1010, R1011, R1012, R1013, R1014, R1015, R1016, R1017, R1018, R1019, R1020, R1021	0402	CMP-0026822-3	22	CRCW04020000Z0ED
ISO1212DBQR	ISO1212DBQR, DBQ00016A, DBQ0016A (SSOP-16)	U1, U2, U3, U4, U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31, U32, U33, U34, U35, U36, U37, U38, U39, U40, U41, U42, U43, U44, U45, U46, U47, U48	DBQ0016A_N	CMP-0013034-2	48	ISO1212DBQR

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