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TIDA-050034 REV B1 Bill of Materials

SN	EN	Description	Qty	Part Reference	Mfg	Mfg Part No
1	101-1-00001	Res, Chip, 0E, 1/16W, 1.5A, AEC-Q200, 0402	71	R30,R32,R45,R47,R65,R69,R85,R96,R97,R130,R163,R171,R176,R177,R178,R179,R180 R181,R232,R233,R234,R236,R237,R238,R242,R247,R250,R251,R269,R284,R285,R32 5,R350,R380,R381,R483,R485,R486,R487,R504,R506,R508,R509,R515,R516,R520,R5 21,R565,R566,R595,R596,R617,R618,R632,R633,R641,R644,R645,R678,R680,R684,R 690,R723,R724,R725,R726,R737,R752,R754,R755,R762	VISHAY	CRCW04020000Z0ED
2	101-1-00101	Res, Chip, 10E, 1/16W, 1%, AEC-Q200, 0402	1	R109	VISHAY	CRCW040210R0FKED
3	101-1-00168	Res, Chip, 49.9E, 1/16W, 1%, 0402	15	R95,R278,R279,R280,R281,R282,R283,R525,R526,R527,R528,R530,R532,R634,R635	WALSIN TECHNOLOGY CORP.	WR04X499FTL
4	101-1-00226	Res, Chip, 200E, 1/10W, 1%, AEC-Q200, 0402	2	R66,R70	PANASONIC	ERJ2RF200X
5	101-1-00310	Res, Chip, 1.5K, 1/16W, 1%, 0402	1	R159	VISHAY	CRCW04021K50FK
6	101-1-00331	Res, Chip, 2.49K, 1/16W, 1%, 0402	1	R300	WALSIN TECHNOLOGY CORP.	WR04X249FTL
7	101-1-00366	Res, Chip, 5.76K, 1/16W, 1%, 0402	1	R306	VISHAY	CRCW04025K76FK
8	101-1-00393	Res, Chip, 11K, 1/16W, 1%, 0402	1	R669	VISHAY	CRCW040211K0FK
9	101-1-00411	Res, Chip, 16.9K, 1/16W, 1%, 0402	1	R695	VISHAY	CRCW040216K9FK
10	101-1-00434	Res, Chip, 29.4K, 1/16W, 1%, 0402	1	R40	VISHAY	CRCW040229K4FK
11	101-1-00437	Res, Chip, 31.6K, 1/16W, 1%, 0402	1	R37	VISHAY	CRCW040231K6FK**
12	101-1-00485	Res, Chip, 100K, 1/16W, 1%, 0402	21	R6,R8,R31,R35,R75,R348,R539,R570,R614,R685,R686,R689,R692,R715,R734,R735,R7 42,R751,R753,R763,R764	WALSIN TECHNOLOGY CORP.	WR04X1003FTL
13	101-1-00554	Res, Chip, S23K, 1/16W, 1%, 0402	1	R694	VISHAY	CRCW0402523KFK
14	101-1-00581	Res, Chip, 1M, 1/16W, 1%, 0402	3	R38,R164,R349	VISHAY	CRCW04021M00FK
15	101-1-01522	Res, Chip, 60.4E, 1/8W, 1%, 0805	3	R103,R245,R246	VISHAY	CRCW080560R4FK
16	101-1-02729	Res, Chip, 22E, 1/16W, 5%, 0402	26	R39,R41,R42,R43,R44,R49,R158,R160,R286,R287,R288,R289,R290,R291,R436,R437,R 438,R439,R440,R441,R442,R443,R444,R445,R446,R447	WALSIN TECHNOLOGY CORP.	WR04X220FTL
17	101-1-02756	Res, Chip, 300E, 1/16W, 5%, 0402	1	R538	VISHAY	CRCW0402300RJNED
18	101-1-02769	Res, Chip, 1K, 1/16W, 5%, 0402	13	R1,R4,R161,R162,R166,R167,R295,R296,R309,R310,R347,R623,R738	WALSIN TECHNOLOGY CORP.	WR04X102FTL
19	101-1-02777	Res, Chip, 2.2K, 1/16W, 5%, 0402	13	R33,R34,R61,R62,R63,R64,R107,R129,R182,R231,R235,R491,R688	VISHAY	CRCW04022K20JN**
20	101-1-02793	Res, Chip, 10K, 1/16W, 5%, 0402	55	R68,R92,R93,R94,R99,R100,R101,R104,R105,R108,R116,R117,R118,R155,R165,R169, R170,R252,R253,R255,R257,R367,R448,R449,R537,R604,R613,R615,R622,R630,R636 R637,R640,R656,R658,R683,R697,R698,R699,R700,R701,R702,R703,R704,R705,R70 7,R708,R709,R710,R711,R727,R731,R732,R749,R750	VISHAY	CRCW040210K0JNED
21	101-1-02805	Res, Chip, 33K, 1/16W, 5%, 0402	1	R366	VISHAY	CRCW040233K0JN**
22	101-1-03402	Res, Chip, 47K, 1/16W, 5%, 0402	1	R616	WALSIN TECHNOLOGY CORP.	WR04X4702FTL
23	101-1-03446	Res, Chip, 4.7K, 1/16W, 1%, 0402	15	R12,R80,R127,R174,R203,R204,R206,R209,R210,R211,R212,R213,R638,R639,R741	WALSIN TECHNOLOGY CORP.	WR04X4701FTL
24	101-1-03473	Res, Chip, 240E, 1/16W, 1%, 0402	3	R83,R84,R86	WALSIN TECHNOLOGY CORP.	WR04X2400FTL
25	101-1-03508	Res, Chip, 120K, 1/16W, 1%, 0402	1	R696	VISHAY	CRCW0402120KFK
26	101-1-03571	Res, Chip, 470E, 1/16W, 1%, 100ppm/degC, 0402	12	R90,R91,R145,R146,R147,R157,R293,R297,R303,R739,R740,R758	VISHAY	CRCW0402470RKF
27	101-1-03680	Res, Chip, 33E, 1/16W, 1%, 0402	12	R106,R110,R124,R125,R356,R357,R358,R590,R591,R592,R593,R706	WALSIN TECHNOLOGY CORP.	WR04X330FTL
28	101-1-04184	Res, Chip, 10K, 1/16W, 1%, 0402	2	R716,R717	WALSIN TECHNOLOGY CORP.	WR04X1002FTL
29	101-3-00046	Res, I-Sense, 10mE, 1/4W, 1%, 0603	6	R718,R721,R722,R728,R729,R730	WALSIN TECHNOLOGY CORP.	WW06C010FTL
30	102-1-00001	Cap, Cer-X7R, 0.01uF, 10V, 10%, 0402	9	C251,C287,C293,C407,C409,C410,C507,C509,C527	AVX CORPORATION	04022C103KAT2A
31	102-1-00007	Cap, Cer-X7R, 0.033uF, 10V, 10%, 0402	1	C393	AVX CORPORATION	04022C33KAT2A
32	102-1-00027	Cap, Cer-X7R, 0.01uF, 25V, 10%, 0402	1	C394	WALSIN TECHNOLOGY CORP.	0402B103K250
33	102-1-00054	Cap, Cer-X7R, 1000pF, 50V, 10%, 0402	3	C369,C370,C534	WALSIN TECHNOLOGY CORP.	0402B102K500CT
34	102-1-00091	Cap, Cer-X5R, 4.7uF, 16V, 10%, 0603	9	C50,C51,C52,C53,C239,C298,C536,C544,C546	MURATA MANUFACTURING CO,LTD	GRM188R61C475KAJ*
35	102-1-00097	Cap, Cer-X7R, 1uF, 10V, 10%, 0603	20	C194,C216,C249,C250,C260,C284,C285,C290,C291,C297,C308,C309,C310,C311,C318, C382,C406,C511,C542,C556	AVX CORPORATION	06032C105KAT2A
36	102-1-00156	Cap, Cer-X5R, 10uF, 10V, 10%, 0603	24	C123,C218,C226,C280,C286,C292,C404,C500,C512,C513,C519,C520,C523,C524,C528, C533,C537,C538,C539,C540,C559,C560,C561,C570	WALSIN TECHNOLOGY CORP.	0603X106K100CT
37	102-1-00209	Cap, Cer-X5R, 0.47uF, 10V, 10%, 0402	3	C112,C113,C114	WALSIN TECHNOLOGY CORP.	0402X474K100CT
38	102-1-00210	Cap, Cer-X5R, 0.22uF, 10V, 10%, 0402	80	C63,C64,C66,C68,C69,C70,C71,C72,C74,C75,C78,C79,C80,C81,C82,C83,C84,C86,C88,C 90,C92,C93,C94,C98,C99,C101,C104,C107,C108,C110,C117,C118,C119,C122,C124,C12 5,C127,C129,C130,C140,C142,C143,C144,C145,C146,C147,C149,C150,C151,C152,C15 3,C154,C155,C157,C158,C159,C160,C161,C162,C163,C165,C166,C167,C168,C169,C17 0,C171,C173,C174,C175,C176,C177,C178,C179,C190,C241,C245,C265,C357,C576	MURATA MANUFACTURING CO,LTD	GRM155R61A224K19D
39	102-1-00745	Cap, Cer-NPO, 27pF, 25V, 1%, 0402	2	C402,C403	AVX CORPORATION	04023A270FAT2A
40	102-1-01629	Cap, Cer-X7R, 0.1uF, 16V, 10%, 0402	65	C47,C141,C181,C182,C184,C185,C186,C187,C196,C201,C207,C208,C217,C227,C228,C 240,C262,C264,C266,C267,C268,C271,C279,C283,C288,C289,C294,C295,C296,C300,C 302,C303,C306,C307,C361,C367,C368,C391,C392,C405,C444,C446,C448,C456,C460,C 461,C501,C503,C505,C508,C510,C543,C550,C551,C552,C553,C558,C566,C567,C569,C 571,C572,C573,C574,C575	MURATA MANUFACTURING CO,LTD	GRM155R71C104KA88*
41	102-1-01650	Cap, Cer-X5R, 4.7uF, 10V, 10%, 0603	14	C96,C183,C188,C189,C200,C269,C270,C272,C273,C354,C445,C447,C504,C557	WALSIN TECHNOLOGY CORP.	0603X475K100CT
42	102-1-01693	Cap, Cer-X5R, 0.1uF, 25V, 10%, 0402	4	C242,C252,C301,C395	AVX CORPORATION	0402X30104KAT2A
43	102-1-01791	Cap, Cer-X5R, 22uF, 10V, 20%, 0603	22	C2,C40,C41,C42,C44,C45,C48,C49,C65,C73,C85,C148,C156,C164,C172,C180,C261,C26 3,C362,C439,C518,C525	MURATA MANUFACTURING CO,LTD	GRM188R61A226M15*
44	102-1-01806	Cap, Cer-NPO, 18pF, 50V, 5%, 0402	6	C105,C106,C243,C244,C304,C305	MURATA MANUFACTURING CO,LTD	GRM1555C1180JA01D
45	102-1-01833	Cap, Cer-IB, 4.7uF, 10V, 10%, 0402	1	C535	TDK CORPORATION	C1005JBA475K050*C
46	102-1-01843	Cap, Cer-X5R, 2.2uF, 6.3V, 20%, 0402	18	C67,C76,C77,C87,C89,C91,C95,C97,C100,C109,C111,C115,C116,C120,C126,C128,C131 C401	WALSIN TECHNOLOGY CORP.	0402X225M6R3C*
47	102-1-02136	Cap, Cer-X5R, 47uF, 10V, 20%, 0805	2	C46,C195	MURATA MANUFACTURING CO,LTD	GRM21BR61A476M15L
48	102-1-02367	Cap, Cer-X7R, 1uF, 16V, 10%, 0402	4	C3,C568,C578,C579	CAPAX TECHNOLOGIES INC.	0402X105K1605NW
49	102-1-02181	Cap, Cer-NPO, 3.6pF, 50V, +/-0.25pF, 0402	1	C531	MURATA MANUFACTURING CO,LTD	GRM1555C1H3R6CA01*
50	102-2-00060	Cap, Tant, 100uF, 10V, 10%, SizeC	4	C199,C202,C203,C204	VISHAY	293D1079X01OC
51	102-2-00272	Cap, Tant, 100uF, 10V, 20%, SizeB	5	C1,C274,C275,C299,C438	AVX CORPORATION	TAIB107M010RNJ
52	102-4-00002	Cap, RF, Cer-NPO, 10pF, 50V, 1%, Low ESR, 0402	1	C529	AVX CORPORATION	04025J100FAT**
53	102-4-00015	Cap, RF, Cer-NPO, 8pF, 50V, +/-0.25pF, Low ESR, 0402	1	C530	MURATA MANUFACTURING CO,LTD	GRM1555C1H8R0C01D
54	103-1-00193	Ind, Chip, 1.1nH, +/-0.3nH, 0.3A, 90mE, Unshielded, 6GHz, SMD0402	1	L8	MURATA MANUFACTURING CO,LTD	LQ15HS1N1S02D
55	103-1-00205	Ind, Power, 1uH, 30%, 2.45A, 36mE, Shielded, 90MHz, SMD	1	L7	MURATA MANUFACTURING CO,LTD	LQH44PN1R0NPOL
56	103-1-00424	Ind, Power, 1.5uH, 20%, 1.8A, 110mE, Shielded, SMD0806	4	L3,L4,L5,L6	MURATA MANUFACTURING CO,LTD	DPE201610P-1R5M
57	104-1-00007	F-Bead, 120E, 1.3A, SMD0402	24	FB2,FB3,FB4,FB10,FB11,FB12,FB13,FB14,FB16,FB17,FB18,FB19,FB20,FB21,FB22,FB31, FB32,FB35,FB36,FB37,FB39,FB40,FB41,FB42	MURATA MANUFACTURING CO,LTD	BLM15PD121SN1B
58	106-2-00036	Diode, Schottky, 1A, 40V, SMA	6	D4,D16,D20,D21,D22,D26	DIODES INCORPORATED	B140-13-F
59	106-3-00071	Diode, Zener, 5.1V, 5mA, 0.5W, SOD-123	1	D17	VISHAY	BZT52C5V1-HE3*
60	106-4-00009	LED, Single, Red, 0603	1	D2	LUMEX	SML-LX0603IW-TR
61	106-4-00053	LED, Single, (Green/Red), SMD0603	1	DA1	AVAGO TECHNOLOGIES	HSMF-C165
62	106-4-00084	LED, Single, Orange, SMD	1	D5	ROHM	SML-P12DTR86
63	106-4-00247	LED, Single, RED, SMD	4	D7,D8,D10,D35	LITE-ON	LTST-C193KRTT-5A
64	106-4-00248	LED, Single, Green, SMD	6	D1,D6,D9,D11,D14,D33	LITE-ON	LTST-C193KGT-5A
65	107-1-00001	Transistor, BJT, NPN, 40V, 0.2A, SOT23-3	3	Q8,Q40,Q41	FAIRCHILD SEMICONDUCTOR	MMBT3904
66	107-1-00031	Transistor, BJT, PNP, 60V, 0.8A, 0.35W, SOT23-3	1	Q17	FAIRCHILD SEMICONDUCTOR	MMBT2907A
67	107-1-00096	Transistor, BJT, Dual PNP, 45V, 0.1A, 0.2W, SOT363-6	1	Q35	NEXPERIA	CB8575_115
68	107-2-00034	Transistor, P-MOSFET, 20V, 10A, Vgs=8V, 1W, UDFN-6B	3	Q2,Q32,Q34	TOSHIBA CORPORATION	SSM6J501NU
69	107-2-00139	Transistor, P-MOSFET, 20V, 0.78A, Vgs=6V, 0.45W, SOT-723-3	2	Q6,Q24	ON SEMICONDUCTOR	NTK3139PT1G
70	107-2-00143	Transistor, N-MOSFET, 60V, 0.115A, Vgs=20V, 0.225W, SOT-23	5	Q5,Q7,Q25,Q37,Q39	ON SEMICONDUCTOR	2N7002L**G
71	107-2-00200	Transistor, P-MOSFET, 20V, 2.5A, Vgs=12V, 0.5W, 0402	1	Q38	TEXAS INSTRUMENTS	CS25481F4*
72	108-1-00009	XTAL, 32.768KHz, 12.5pF, +/-20ppm, 70K, 3.2x1.5mm, SMD	1	X1	MICRO CRYSTAL	CM7V-T1A-32.768KHZ-12.5PF- 20PPM-TA-QC
73	108-1-00021	XTAL, 24MHz, 18pF, +/-20ppm, 50E, 2.5x3.2mm, SMD	1	X2	ABRACON CORPORATION	ABM8-24.000MHZ-B2
74	108-1-00038	XTAL, 25MHz, 18pF, +/-20ppm, 40E, 3.2x5mm, SMD	1	X4	CTS	445I23D25M00000

SN	EN	Description	Qty	Part Reference	Mfg	Mfg Part No
75	108-1-00057	XTAL, 25MHz, 18pF, +/-20ppm, 60E, 2.5x3.2mm, SMD	1	X3	ABRACON CORPORATION	ABRM86-25.000MHZ-18-D2Y
76	108-1-00217	XTAL, 6MHz, 18pF, +/-20ppm, 70E, 5x7mm, SMD	1	X5	ABRACON CORPORATION	ABRM6-6.000MHZ-B2-*
77	201-1-00004	Conn, Berg strip, 1x3, 2.54mm, ST, TH	1	H4	FCI	68000-103HFL
78	201-1-00107	Conn, Coaxial, Receptacle, 50E, 6GHz, ST, SMD	3	J3,J4,J10	HRS (HIROSE ELECTRIC CO LTD)	U.FL-R-SMT-1
79	201-1-00196	Conn, B2C, Male, 1x2, 2mm, 2A, Semi-Shrouded, Lock, ST, TH	1	J2	JST	B2B-PH-K-SL(F)(SN)
80	201-1-00205	Conn, Berg strip, 2x5, 1.27mm, 1A, ST, SMD	1	H2	FCI	20021121-00010*4LF
81	201-1-00308	Conn, B2B, Receptacle, 2x15, 0.4mm, 5A, Shrouded, ST, SMD	1	J20	PANASONIC	AXT530124
82	201-1-00701	Conn, Berg strip, 1x4, 2.54mm, 3A, ST, SMD	1	H3	MOLEX	87898-0424
83	201-2-00027	Conn, USB Micro AB Receptacle, 1x1, RA, SMD	1	J25	FCI	10104111-00011F
84	201-2-00061	Conn, RJ45 Jack with Magnetics, Shielded, LED(G/Y, G/Y), RA, TH	1	J27	WURTH ELECTRONIK, INC	7499111446
85	201-2-00086	Conn, SIM Card, 1x1, Push In-Pull Out, RA, SMD	1	J7	C&K COMPONENTS	CCM03-3504LFT
86	201-2-00096	Conn, FPC, Receptacle, 1x50, 0.5mm, 0.5A, RA, SMD	1	J14	HRS (HIROSE ELECTRIC CO LTD)	FH28D-50S-0.5(5H)
87	201-2-00113	Conn, DB9, Male, 1x1, 6A, Board Lock, RA, TH	1	J19	TE CONNECTIVITY	5747840-4
88	201-2-00130	Conn, Audio Jack Stereo, 1A, 3.5mm ID, 3-Contact, Tip Switch, RA, SMD	1	J15	CUI INC	SJ-3524-SMT
89	201-2-00352	Conn, Berg strip, 2x5, 2.54mm, 3A, RA, TH	1	H1	FCI	68021-210HFL
90	201-2-00519	Conn, USB Micro-B Receptacle, 1x1, RA, SMD	1	J11	FCI - AMPHENOL ICC	10118193-00011F
91	201-2-00647	Conn, Mini PCI Express, 2x26, 0.8mm, RA, SMD	1	J8	JAE (JAPAN AVIATION ELECTRONICS INDUSTRY, LTD)	MM60-52B1-E1-****
92	201-2-00848	Conn, SD card Socket, 1x1, Shield, Push-Pull, RA, SMD	1	J28	WURTH ELECTRONIK, INC	693063020911
93	201-2-01378	Conn, USB 2.0, Type-A, Receptacle, 1x1, Shielded, RA, TH	1	J26	TE CONNECTIVITY	1-1734775-1
94	201-2-01385	Conn, DC PWR Jack, 1x1, 8A, 2.5mm ID, 6.5mm OD, RA, TH	1	J1	CUI INC	PJ-063BH
95	204-1-00002	Battery, Coin-Cell, Li-Ion, 3V, 225mAh, 20mm, 2032, Holder Mount	1	Z1	PANASONIC	CR2032
96	205-1-00027	Switch, DIP, 2 Position, 0.1A, Vertical, SMD	1	SW3	CTS	219-2J5T
97	205-1-00059	Switch, DIP, 1 Position, 25mA, Vertical, SMD	1	SW9	C&K COMPONENTS	SDA01H05B
98	205-1-00079	Switch, Slide, SPDT, 12V, Vertical, TH	1	SW1	C&K COMPONENTS	OS102011M52QN1
99	205-1-00113	Switch, Tactile, SPST-NO, 12V, 50mA, Vertical, SMD	5	SW4,SW5,SW6,SW7,SW8	E-SWITCH	TL700AF160GG
100	205-1-00159	Switch, DIP, 8 Position, SPST, 100mA, 20V, Vertical, SMD	1	SW2	CTS	219-8M5T*
101	301-0-00088	IC, 74LVC1G07, Single Buffer/Driver, Open Drain O/P, SOT23-5	1	U33	TEXAS INSTRUMENTS	SN74LVC1G07DBV
102	301-0-00108	IC, 74LVC2G126, Dual Bus Buffer, 3 State O/P, VSSOP-8	2	U17,U19	TEXAS INSTRUMENTS	SN74LVC2G126DCUR
103	301-0-00219	IC, TPS51200, Sink/Source DDR Termination Regulator, SON-10	1	U51	TEXAS INSTRUMENTS	TP51200DR
104	301-0-00254	IC, LM3526, Dual USB Power Switch, SOIC-8	1	U30	TEXAS INSTRUMENTS	LM3526MX-1/NOBP
105	301-0-00492	IC, TXS0102, 2-Bit Bidirectional Voltage-Level Translator, VSSOP-8	1	U45	TEXAS INSTRUMENTS	TXS0102DCUR
106	301-0-01093	IC, PUSB3F96, ESD Protection, UltraHigh-Speed Interfaces, DFN2510A-10	2	U53,U54	NXP SEMICONDUCTORS	PUSB3F96
107	301-0-01166	IC, MCP2562, High Speed CAN Transceiver, DFN-8	1	U25	MICROCHIP	MCP2562-E/MF
108	301-0-01221	IC, TPS3808G25, Programmable-Delay Supervisory Circuit, SOT23-6	1	U37	TEXAS INSTRUMENTS	TPS3808G25DBV
109	301-0-01482	IC, WM8960, Stereo Audio Codec, Class D, 1W, QFN-32	1	U24	WOLFSON MICROELECTRONICS PLC	WM8960CGEFL*
110	301-0-01483	IC, FT232RL, USB to UART Converter, Dual UART, LQFP-48	1	U18	FTDI CHIP	FT232RL
111	301-0-02438	IC, P16CG182Q2, PCIe Clock Generator, 2 Output, 100MHz, AEC-Q100, TQFN-24	1	U42	DIODES INCORPORATED	P16CG182Q2DQEX
112	301-0-02528	IC, TSC2046, Touch Screen Controller, TSSOP-16	1	U23	TEXAS INSTRUMENTS	TSC2046PWR
113	301-0-02543	IC, INA3221, 3-Channel, High side Current/Voltage Monitor with I2C, VQFN-16	2	U50,U52	TEXAS INSTRUMENTS	INA3221AIRGVR
114	301-1-00396	IC, uP, iMX7D, Dual Core ARM cortex-A7 Application Processor, 1GHz, MAFPGA-541	1	U7	NXP SEMICONDUCTORS	MCIMX7D5EVM10SD
115	301-2-00441	IC, NOR Flash, 64Mb, SPI, 133MHz, 2.7-3.6V, W-PDFN-8	1	U11	MICRON	MT25QL512ABB1EW9-05IT
116	301-2-00608	IC, eMMC 5.0, 8GB, x8bit, 52MHz, VFBGA-153	1	U10	MICRON	MTFCBGAKACJN-4M IT
117	301-2-00639	IC, DDR3L SDRAM, 512Mb, x16bit, 800MHz, FBGA-96	2	U8,U9	MICRON	MT41K256M1GTW-107:P
118	301-4-00125	IC, Switcher, 2.9-6Vin, 0.8-6Vout/2A, WSON-8	1	U46	TEXAS INSTRUMENTS	TPS62067DSG
119	301-4-00701	IC, BD2204, Power supply switch IC for SD card, VCS5P0L1-6	1	U55	ROHM	BD2204GL-*
120	301-4-01045	IC, TP56521815, PMIC, 7 Outputs, 6-DC/DCs&1-LDOs, VQFN-48	1	U5	TEXAS INSTRUMENTS	TP56521815RSLR
121	301-4-01056	IC, TLV755P, LDO, 1.45-5.5Vin, 2.8Vout/0.5A, X2SON-4	1	U47	TEXAS INSTRUMENTS	TLV75528PQNR
122	301-4-01058	IC, TLV755P, LDO, 1.45-5.5Vin, 2.5Vout/0.5A, X2SON-4	1	U49	TEXAS INSTRUMENTS	TLV75525PQNR
123	301-5-00106	IC, DP83867, Single Port, Gigabit Ethernet PHY, VQFN-48	1	U13	TEXAS INSTRUMENTS	DP83867CRRG2*
124	302-1-00008	Osc, 32.768KHz, +/-25ppm, 1.8V, CMOS, SMD	1	Y5	TXC CORPORATION	7X2-32.768KDA
125	302-1-00182	Osc, MEMS, 24MHz, +/-20ppm, 1.8V, LVCMOS, SMD	1	Y4	ABRACON CORPORATION	ASLTMPE-18-24.000MHZ-LI-E
126	303-0-00024	Filter, Choke coil, CM, 90E, 330mA, Signal Line, SMD	3	FL1,FL2,FL3	MURATA MANUFACTURING CO,LTD	DLW21H9N005Q2L
127	304-1-00133	Ambient Light Sensor, I2C, USON-6	1	U31	TEXAS INSTRUMENTS	OPT3001DNP*
128	305-1-00135	TVS-Zener Diode, Bi, 7V, X3DFN2	21	P4,P5,P6,P7,P8,P10,P11,P12,P13,P14,P17,P18,P19,P20,P21,P22,P23,P24,P25,P26,P27	ON SEMICONDUCTOR	ESD8472MUT5G
129	305-1-00145	Fuse, Blow, Fast, 5A, 32V DC, SMD	1	F1	PANASONIC	ERBRE5R00
130	305-1-00289	Diode, ESD-Bidir, 5V, 8W, SOD962-2	6	D23,D24,D27,D28,D29,D30	NEXPERIA	PESD5V0V18SF
131	401-1-00001	Battery Holder, 2032, SMD	1	BH1	MEMORY PROTECTION DEVICE	BU20325M-JJ-GR
132	401-1-00015	MIC, Condenser, -45dB, 2.2K, OMNI	1	MK1	PUI AUDIO INC.	TOM-1545P-R
133	510-4-00017	Module, WiFi+BTv4.0, SDIO+UART, 802.11b/g/n, SMD	1	M1	TEXAS INSTRUMENTS	WL1831MOD
134	601-3-00725	Mech, Solderable standoff, SS, M2x3.55	4	MECH1,MECH2,MECH3,MECH4	JAE (JAPAN AVIATION ELECTRONICS INDUSTRY, LTD)	NT4R1600
135	666-1-00001	Fiducial, Local, Pad=1mm, SM=2mm	8	FD7,FD8,FD9,FD10,FD11,FD12,FD13,FD14	NA	666-1-00001
136	666-1-00002	Fiducial, Global, Pad=1mm, SM=3mm	6	FD1,FD2,FD3,FD4,FD5,FD6	NA	666-1-00002
137	666-1-00008	Testpoint, Pad=1mm, SM=1.3mm, SMD	64	TP1,TP6,TP7,TP8,TP9,TP10,TP11,TP14,TP15,TP16,TP17,TP18,TP19,TP20,TP21,TP22,TP23,TP24,TP29,TP30,TP31,TP32,TP33,TP34,TP35,TP36,TP37,TP40,TP41,TP42,TP43,TP44,TP45,TP46,TP47,TP48,TP50,TP51,TP52,TP53,TP54,TP55,TP56,TP57,TP62,TP68,TP69,TP70,TP71,TP72,TP73,TP74,TP75,TP76,TP77,TP78,TP79,TP80,TP81,TP82,TP83,TP84,TP85,TP86	NA	666-1-00008
138	666-1-00157	MH, PTH, Pad=6mm, Via=3.2mm	4	MH1,MH2,MH3,MH4	NA	666-1-00157
No Mount (NM) Components						
1	102-1-01806	Cap, Cer-NPO, 18pF, 50V, 5%, 0402	0	C102,C103,C197,C219,C220,C221,C222,C223,C224,C366,C420,C421,C422,C423	MURATA MANUFACTURING CO,LTD	GRM1555C1H180JA01D
2	102-1-00156	Cap, Cer-X5R, 10uF, 10V, 10%, 0603	0	C121	WALSIN TECHNOLOGY CORP.	0603X106K100CT
3	102-1-00097	Cap, Cer-X7R, 1uF, 10V, 10%, 0603	0	C276	AVX CORPORATION	0603C2105KAT2A
4	102-1-00772	Cap, Cer-NPO, 56pF, 50V, 1%, 0402	0	C281,C282	MURATA MANUFACTURING CO,LTD	GRM1555C1H560FA01*
5	102-1-00210	Cap, Cer-X5R, 0.22uF, 10V, 10%, 0402	0	C408	MURATA MANUFACTURING CO,LTD	MUR155861A224K1E19D
6	102-1-00001	Cap, Cer-X7R, 0.01uF, 10V, 10%, 0402	0	C506	AVX CORPORATION	0402C2103KAT2A
7	102-1-01629	Cap, Cer-X7R, 0.1uF, 16V, 10%, 0402	0	C577	MURATA MANUFACTURING CO,LTD	GRM155871C104KA88*
8	106-2-00007	Diode, Schottky, 1A, 30V, 1.67W, POWERDI-123	0	D34	DIODES INCORPORATED	DFL5130L-7
9	104-1-00007	F-Bead, 120E, 1.3A, SMD0402	0	FB38	MURATA MANUFACTURING CO,LTD	GRM155PD1215N18
10	201-1-00063	Conn, Berg strip, 1x6, 2.54mm, 3A, ST, TH	0	H5	SAMTEC INC	T3W-106-14-G-5
11	101-1-00646	Res, Chip, 4.75M, 1/16W, 1%, 0402	0	R36	VISHAY	CRCW04024M75FK
12	101-1-00001	Res, Chip, 0E, 1/16W, 1.5A, AEC-Q200, 0402	0	R46,R76,R102,R172,R558,R559,R567,R568,R569,R571,R660,R733,R736,R756,R757	VISHAY	CRCW040200020E0D
13	101-1-02833	Res, Chip, 470K, 1/16W, 5%, 0402	0	R67,R71	VISHAY	CRCW0402470KJN
14	101-1-03473	Res, Chip, 240E, 1/16W, 1%, 0402	0	R81,R82	WALSIN TECHNOLOGY CORP.	WR04X2400FTL
15	101-1-00485	Res, Chip, 100K, 1/16W, 1%, 0402	0	R126,R254,R687	WALSIN TECHNOLOGY CORP.	WR04X1003FTL
16	101-1-02793	Res, Chip, 10K, 1/16W, 5%, 0402	0	R131,R168,R224,R294,R387,R674,R682,R691	VISHAY	CRCW040210K0JNED
17	101-1-03402	Res, Chip, 47K, 1/16W, 1%, 0402	0	R249	SAMSUNG ELECTRO-MECHANICS AMERICA, INC	RC1005F473CS
18	101-1-04184	Res, Chip, 10K, 1/16W, 1%, 0402	0	R301,R302,R665	WALSIN TECHNOLOGY CORP.	WR04X1002FTL
19	101-1-00331	Res, Chip, 2.49K, 1/16W, 1%, 0402	0	R307,R308,R666,R667,R668	WALSIN TECHNOLOGY CORP.	WR04X2491FTL
20	101-1-03680	Res, Chip, 33E, 1/16W, 1%, 0402	0	R597,R598	WALSIN TECHNOLOGY CORP.	WR04X330FTL
21	101-1-00211	Res, Chip, 140E, 1/16W, 1%, 0402	0	R605,R607	VISHAY	CRCW0402140RFK
22	101-1-00185	Res, Chip, 75E, 1/16W, 1%, 0402	0	R606,R608	VISHAY	CRCW040275RFK**
23	101-1-00366	Res, Chip, 5.76K, 1/16W, 1%, 0402	0	R663,R664	VISHAY	CRCW04025K76FK
24	101-1-02777	Res, Chip, 2.2K, 1/16W, 5%, 0402	0	R679	VISHAY	CRCW04022K20JN**
25	301-2-00416	IC, EEPROM, 64KB, 400KHz, I2C, SOIC-8	0	U41	MICROCHIP	24AA512-I/5N

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