

Bill of Materials

TI DESIGNS

TIDA-080005

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
1	56	C6,C49,C75,C190,C191,C225,C226,C227,C229,C233,C234,C236,C237,C238,C248,C250,C286,C287,C288,C308,C322,C326,C334,C346,C368,C369,C378,C379,C380,C381,C382,C383,C387,C388,C389,C390,C392,C393,C394,C395,C396,C397,C398,C399,C400,C401,C402,C403,C404,C405,C420,C422,C423,C424,C427,C406	0.1uF	CAP CER 0.1UF 16V X7R 0402	Yageo	CC0402KRX7R7BB104		0402	
2	75	C79,C89,C90,C91,C92,C93,C94,C95,C96,C97,C98,C99,C100,C101,C103,C104,C105,C106,C107,C108,C109,C110,C111,C112,C113,C114,C115,C116,C117,C118,C119,C120,C121,C122,C123,C124,C125,C126,C127,C128,C130,C131,C132,C146,C175,C176,C177,C178,C183,C186,C187,C188,C189,C194,C195,C196,C197,C198,C199,C202,C209,C211,C213,C215,C219,C220,C221,C222,C223,C224,C228,C276,C277,C278,C279	0.1uF	CAP CER 0.1UF 6.3V X5R 0201	Yageo	CC0201KRX5R5BB104		0201	
3	3	C102,C129,C310	0.01uF	CAP CER 10000PF 25V X7R 0402	Yageo	CC0402KRX7R8BB103		0402	
4	3	C179,C323,C412	10uF	CAP CER 10UF 25V X5R 0805	Yageo	CC0805KKX5R8BB106		0805	
5	15	C180,C181,C184,C193,C200,C206,C207,C208,C210,C212,C214,C218,C249,C273,C285	10uF	CAP CER 10UF 6.3V X5R 0603	Yageo	CC0603MRX5R5BB106		0603	
6	16	C182,C185,C192,C201,C203,C235,C245,C247,C274,C289,C320,C360,C367,C384,C386,C391	1uF	CAP CER 1UF 10V X5R 0402	Yageo	CC0402KRX5R6BB105		0402	
7	2	C216,C217	18pF	CAP CER 18PF 50V C0G/NPO 0402	Yageo	CC0402JRNPO9BN180		0402	
8	9	C230,C231,C232,C239,C240,C241,C270,C417,C419	0.1uF	CAP CER 0.1UF 25V X5R 0402	Yageo	CC0402KRX5R8BB104		0402	
9	2	C262,C410	0.1uF	CAP CER 0.1UF 50V X7R 0603	Yageo	CC0603KRX7R9BB104		0603	
10	3	C263,C305,C324	10uF	CAP CER 10uF 1206 X7R 50V 10%	Yageo	CC1206KKX7R9BB106		1206	
11	1	C264	220uF	Aluminum Electrolytic Capacitors -220uF	Lelon	VZH221M1HTR-1010		EC-10	
12	1	C266	120pF	CAP CER 120PF 50V NPO 0402	Yageo	CC0402JRNPO9BN121		0402	
13	5	C268,C269,C271,C416,C418	22uF	CAP CER 22UF 25V X5R 1210	Murata	GRM32ER61E226KE15L		1210	
14	4	C272,C300,C329,C333	10uF	CAP CER 10UF 10V X5R 0603	Yageo	CC0603MRX5R6BB106		0603	
15	1	C283	0.22uF	CAP CER 0.22UF 25V X7R 0603	Yageo	CC0603KRX7R8BB224		0603	
16	10	C301,C302,C303,C304,C307,C313,C336,C337,C348,C349	22uF	CAP CER 22UF 35V X5R 1206	TDK	C3216X5R1V226M160AC		1206	
17	6	C306,C312,C319,C327,C328,C332	1uF	CAP CER 1UF 50V X5R 0603	Yageo	CC0603KRX5R9BB105		0603	
18	1	C309	1200pF	CAP CER 1200PF 50V NPO 1206	Yageo	CC1206JRNPO9BN122		1206	
19	1	C311	15pF	CAP CER 15PF 50V C0G/NPO 0402	Yageo	CC0402JRNPO9BN150		0402	
20	1	C317	0.47uF	CAP 0.47uF 50V X7R 0603	Yageo	CC0603KRX7R9BB474		0603	
21	1	C321	4300pF	CAP CER 4300PF 50V U2J 0603	Murata	GRM1887U1H432JA01		0603	
22	1	C330	2.2uF	CAP CER 2.2UF 6.3V X5R 0402	Yageo	CC0402MRX5R5BB225		0402	
23	1	C331	4.7uF	CAP CER 4.7UF 6.3V X5R 0402	Yageo	CC0402MRX5R5BB475		0402	
24	4	C340,C341,C353,C354	22uF	CAP CER 22UF 6.3V X5R 0603	Yageo	CC0603MRX5R5BB226		0603	
25	2	C342,C352	470pF	CAP CER 470PF 50V X7R 0603	Yageo	CC0603KRX7R9BB471		0603	
26	2	C358,C363	1uF	CAP CER 1UF 25V X5R 0402	Yageo	CC0402KRX5R8BB105		0402	
27	1	C370	1000pF	CAP CER 1000PF 50V X7R 0603	Yageo	CC0603KRX7R9BB102		0603	
28	1	C411	0.012uF	CAP CER 0.012UF 50V X7R 0603	Yageo	CC0603KRX7R9BB123		0603	
29	2	C413,C421	22uF	CAP CER 22UF 10V X5R 0805	Yageo	CC0805MKX5R6BB226		0805	
30	2	C414,C415	4.7uF	CAP CER 4.7UF 25V X7R 0805	Yageo	CC0805KKX7R8BB475		0805	
31	1	C425	3300pF	CAP CER 3300PF 50V X7R 0402	Yageo	CC0402KRX7R9BB332		0402	
32	47	D25,D26,ED1,ED2,ED3,ED4,ED5,ED6,ED7,ED8,ED9,ED10,ED11,ED12,ED13,ED14,ED15,ED16,ED17,ED18,ED19,ED20,ED21,ED22,ED23,ED24,ED25,ED26,ED27,ED28,ED29,ED30,ED31,ED32,ED33,ED34,ED35,ED36,ED37,ED38,ED39,ED40,ED41,ED42,ED43,ED44,ED45	PESD5V0U1BL,315	TVS DIODE 5V DFN1006-2	NXP	PESD5V0U1BL,315		SOD882	
33	1	D32	BAT54CW,115	DIODE ARRAY SCHOTTKY 30V SOT323	Diodes Inc.	BAT54CW,115		SOT323	
34	11	D33,D34,D36,D43,D44,D45,D46,D56,D57,D66,D67	16-213SYGC/S530-E2/TR8	LED YELLOW/GREEN CLEAR SMD	Everlight	16-213SYGC/S530-E2/TR8		0402	
35	1	D51	MBR0540	DIODE SCHOTTKY 40V 500MA SOD123	ON Semi	MBR0540		SOD123	
36	3	D53,D54,D55	ESDA18-1K	TVS DIODE 15V 34V SOD523	STMicroelectronics	ESDA18-1K		SOD523	
37	2	D58,D59	B0530WS-7	DIODE SCHOTTKY 30V 500MA SOD323	Diodes Inc.	B0530WS-7		SOD323	
38	2	D68,D69	SS0540	DIODE SCHOTTKY 40V 500MA SOD123	PANJIT	SS0540	B0540W-7-F	SOD123	
39	19	FB1,FB2,FB3,FB5,FB6,FB8,FB9,FB10,FB11,FB12,FB30,FB31,FB32,FB33,L5,L6,L7,L8,L9	GMLB-160808-0070S-N1	FERRITE BEAD 70 OHM 0603 1LN	MAG.LAYERS	GMLB-160808-0070S-N1	BLM18KG700TN1D	0603	
40	1	FB20	GMLB-100505-0120P-N8	FERRITE BEAD 120 OHM 0402 1LN	MAG.LAYERS	GMLB-100505-0120P-N8	BLM15EG121SN1D	0402	
41	1	J11	TU3007WNR-04	CONN HEADER EH SIDE 4POS 2.5MM	TYU	TU3007WNR-04	S4B-EH(LF)(SN)		
42	1	J18	47151-1101	CONN RCPT HDMI 19POS SMD R/A	Molex	47151-1101			
43	1	J21	TU1501WNV-06	CONN HEADER ZH TOP 6POS 1.5MM	TYU	TU1501WNV-06	B6B-ZR(LF)(SN)		
44	1	J22	104060-8017	CONN FFC FPC 80POS 0.50MM R/A	Molex	104060-8017			
45	1	J23	TU1501WNR-03S	CONN HEADER ZH SIDE 3POS 1.5MM	TYU	TU1501WNR-03S	S3B-ZR-SM4A-TF(LF)(SN)		
46	4	J24,J32,J33,J43	TU1501WNV-03	CONN HEADER ZH TOP 3POS 1.5MM	TYU	TU1501WNV-03	B3B-ZR(LF)(SN)		
47	1	J26	TU1252WNR-08S	CONN HEADER 8POS 1.25MM R/A SMD	TYU	TU1252WNR-08S	532610871		
48	1	J28	IDJ-D43B2	CONN PWR JACK 2.5X5.5MM SOLDER	HCH	IDJ-D43B2	PJ-047BH		
49	1	J34	CH87142V200	CONN HEADER 14POS .100 VERT GOLD	CviLux	CH87142V200	702461401		
50	1	J35	TU5005WNV-1x02	CONN HEADER 2POS .100" STR TIN	TYU	TU5005WNV-1x02	901200122		
51	3	J40,J41,J42	78048-1043	CONN HEADER 10POS 1.5mm	Molex	78048-1043			
52	1	J45	TU1252WNR-02S	CONN HEADER 2POS 1.25MM R/A SMD	TYU	TU1252WNR-02S	532610271		
53	1	J47	MU-05F4-12	CONN RCPT USB2.0 MINI B SMD R/A	OBJECTIVE	MU-05F4-12	675031020		
54	2	J36,J48	TU5005WNV-1X8	CONN HEADER 8POS .100" STR TIN	TYU	TU5005WNV-1X8	901200128		
55	3	J7,J8,J9	TU5005WNV-1x03	CONN HEADER 3POS .100" STR TIN	TYU	TU5005WNV-1x03	901200123		
56	1	L10	15uH	FIXED IND 15UH 6.25A 45 MOHM SMD	MAG.LAYERS	MMD-10DZ-150M-M1	SRP1038A-150M		
57	1	L11	2.2uH	FIXED IND 2.2uH 20% 1.9A .097mOhms	MAG.LAYERS	MLPS-3015-2R2	XFL3012-222MEC		
58	1	L14	1.5uH	FIXED IND 1.5UH 23A 3.16 MOHM	MAG.LAYERS	MMD-12EZ-1R5M-V1	HCMA1305-1R5-R		
59	1	L15	10uH	FIXED IND 10UH 1.8A 243 MOHM SMD	MAG.LAYERS	MMD-04BZ-100M-S1	SRP4020TA-100M		
60	2	L16,L18	3.3uH	FIXED IND 3.3UH 6A 30 MOHM SMD	MAG.LAYERS	MMD-06CZ-3R3M-V1	IHLP2525CZER3R3M01		
61	1	L21	CUW21T-900M-N	CMC 300MA 2LN 90 OHM SMD	Chilisin	CUW21T-900M-N	ACM2012H-900-2P-T00		

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62	2	Q4,Q7	2N7002	MOSFET N-CH 60V 0.36A SOT-23	NXP	2N7002		SOT23	
63	1	Q8	DMN26D0UT-7	MOSFET N-CH 20V 230MA SOT523	Diodes Inc.	DMN26D0UT-7		SOT523	
64	1	Q15	CSD17309Q3	MOSFET N-CH 30V 60A 8SON	Texas Instruments	CSD17309Q3		8SON	
65	4	Q16,Q17,Q18,Q19	CSD17581Q5A	30V N CH MOSFET	Texas Instruments	CSD17581Q5A		8SON	
66	2	Q20,Q21	BCP68,115	TRANS NPN 20V 1A SOT223	NXP	BCP68,115		SOT223	
67	2	Q22,Q23	MMBT2222ALT1G	TRANS NPN 40V 0.6A SOT23	ON Semi	MMBT2222ALT1G		SOT23	
68	6	RP1,RP2,RP3,RP4,RP5,RP6	33	RES ARRAY 4 RES 33 OHM 0804	Yageo	YC124-JR-0733RL		0402*4	
69	41	R1,R2,R6,R139,R149,R162,R172,R173,R175,R176,R179,R209,R210,R349,R350,R351,R365,R367,R432,R433,R447,R612,R651,R652,R661,R662,R665,R666,R667,R668,R670,R671,R677,R679,R680,R685,R729,R769,R770,R795,R817	10K	RES SMD 10K OHM 5% 1/16W 0402	Yageo	RC0402JR-0710KL		0402	
70	11	R693,R700,R704,R706,R708,R712,R716,R718,R720,R722,R724	1K	RES SMD 1K OHM 5% 1/16W 0402	Yageo	RC0402JR-071KL		0402	
71	129	R9,R109,R116,R120,R125,R140,R141,R148,R152,R153,R171,R208,R211,R234,R235,R237,R239,R241,R242,R243,R356,R358,R359,R366,R368,R376,R377,R379,R387,R388,R389,R394,R395,R396,R397,R398,R399,R400,R402,R403,R404,R406,R408,R410,R411,R412,R413,R414,R415,R416,R417,R419,R425,R427,R430,R431,R435,R451,R452,R477,R478,R487,R488,R504,R505,R521,R525,R533,R534,R537,R538,R539,R540,R541,R542,R571,R579,R583,R604,R614,R615,R619,R621,R623,R629,R630,R631,R632,R636,R637,R638,R639,R640,R641,R642,R643,R644,R645,R646,R647,R648,R649,R650,R654,R655,R657,R659,R663,R664,R672,R673,R674,R675,R676,R678,R682,R683,R684,R687,R688,R711,R713,R714,R774,R775,R778,R779,R782,R798	0	RES SMD 0 OHM JUMPER 1/16W 0402	Yageo	RC0402JR-070RL		0402	
72	21	R12,R51,R52,R67,R68,R69,R71,R72,R73,R74,R75,R76,R121,R122,R123,R164,R182,R184,R186,R344,R584	30.1	RES SMD 30.1 OHM 1% 1/16W 0402	Yageo	RC0402FR-0730R1L		0402	
73	33	R35,R36,R37,R60,R63,R64,R65,R117,R118,R119,R142,R143,R169,R183,R185,R189,R345,R373,R393,R401,R436,R656,R806,R807,R808,R809,R810,R811,R812,R813,R814,R815,R816	100K	RES SMD 100K OHM 5% 1/16W 0402	Yageo	RC0402JR-07100KL		0402	
74	2	R114,R115	43	RES SMD 43 OHM 5% 1/16W 0402	Yageo	RC0402JR-0743RL		0402	
75	6	R124,R126,R127,R136,R206,R207	7.5K	RES SMD 7.5K OHM 1% 1/16W 0402	Yageo	RC0402FR-077K5L		0402	
76	1	R348	300K	RES SMD 300K OHM 1% 1/16W 0402	Yageo	RC0402FR-07300KL		0402	
77	3	R352,R524,R474	47K	RES SMD 47K OHM 5% 1/16W 0402	Yageo	RC0402JR-0747KL		0402	
78	1	R355	2M	RES SMD 2M OHM 5% 1/16W 0402	Yageo	RC0402JR-072ML		0402	
79	1	R357	22K	RES SMD 22K OHM 1% 1/16W 0402	Yageo	RC0402FR-0722KL		0402	
80	6	R360,R361,R363,R364,R362,R622	33	RES SMD 33 OHM 5% 1/16W 0402	Yageo	RC0402JR-0733RL		0402	
81	1	R375	4.75K	RES SMD 4.75K OHM 1% 1/16W 0402	Yageo	RC0402FR-074K75L		0402	
82	2	R378,R785	1M	RES SMD 1M OHM 1% 1/16W 0402	Yageo	RC0402FR-071ML		0402	
83	1	R380	1.5K	RES SMD 1.5K OHM 1% 1/16W 0402	Yageo	RC0402FR-071K5L		0402	
84	1	R381	3K	RES SMD 3K OHM 1% 1/16W 0402	Yageo	RC0402FR-073KL		0402	
85	6	R383,R385,R613,R616,R689,R691	180	RES SMD 180 OHM 5% 1/16W 0402	Yageo	RC0402JR-07180RL		0402	
86	5	R437,R479,R526,R527,R528	390	RES SMD 390 OHM 5% 1/16W 0402	Yageo	RC0402JR-07390RL		0402	
87	1	R443	470K	RES SMD 470K OHM 1% 1/16W 0402	Yageo	RC0402FR-07470KL		0402	
88	5	R472,R575,R596,R600,R606	0	RES SMD 0 OHM JUMPER 1/4W 1206	Yageo	RC1206JR-070RL		1206	
89	2	R471,R480	215K	RES SMD 215K OHM 1% 1/16W 0402	Yageo	RC0402FR-07215KL		0402	
90	1	R482	47.5K	RES SMD 47.5K OHM 1% 1/16W 0402	Yageo	RC0402FR-0747K5L		0402	
91	4	R529,R530,R635,R749	2.2K	RES SMD 2.2K OHM 1% 1/16W 0402	Yageo	RC0402FR-072K2L		0402	
92	2	R570,R572	3.9	RES SMD 3.9 OHM 5% 1/10W 0603	Yageo	RC0603JR-073R9L		0603	
93	1	R574	30K	RES SMD 30K OHM 1% 1/16W 0402	Yageo	RC0402FR-0730KL		0402	
94	1	R576	100K	THERM NTC 100KOHM 4250K 0402	THINKING	TSM0A104F39H1RZ	NCP15WF104F03RC	0402	
95	1	R578	3.9	Thick Film Resistors - SMD 3.9 OHM 5%	Yageo	RC1210JR-073R9L		1210	
96	2	R580,R582	10	RES SMD 10 OHM 1% 1/16W 0402	Yageo	RC0402FR-0710RL		0402	
97	3	R585,R586,R587	0	RES SMD 0 OHM JUMPER 1/10W 0603	Yageo	RC0603FR-070RL		0603	
98	2	R591,R592	10K	RES SMD 10K OHM 1% 1/16W 0402	Yageo	RC0402FR-0710KL		0402	
99	1	R595	0.009	Current Sense Resistors - SMD 3watts .009ohms 1%	Ralec	LR2512-23R009F4	W5SLP25129L000FEA	2512	
100	2	R598,R602	10	RES SMD 10 OHM 1% 1/10W 0603	Yageo	RC0603FR-0710RL		0603	
101	1	R611	300	RES SMD 300 OHM 5% 1/16W 0402	Yageo	RC0402JR-07300RL		0402	
102	8	R743,R761,R762,R763,R765,R767,R768,R797	3.3K	RES SMD 3.3K OHM 5% 1/16W 0402	Yageo	RC0402JR-073K3L		0402	
103	1	R744	442	RES SMD 442 OHM 1% 1/10W 0603	Yageo	RC0603FR-07442RL		0603	
104	1	R745	140K	RES SMD 140K OHM 1% 1/10W 0603	Yageo	RC0603FR-07140KL		0603	
105	1	R747	30.9K	RES SMD 30.9K OHM 1% 1/16W 0402	Yageo	RC0402FR-0730K9L		0402	
106	1	R793	75K	RES SMD 75K OHM 1% 1/16W 0402	Yageo	RC0402FR-0775KL		0402	
107	1	SW21	STS-D5	SWITCH TACTILE SPST-NO 0.05A 12V	HCH	STS-D5	TL3301FF160QG		
108	1	SW28	DS-13P-S044	SWITCH SLIDE SPDT 5A 120V	Dawning	DS-13P-S044	500SSP1S1M6QEA		
109	1	U11	CDCLVC1102PW	IC CLK BUFFER 1:2 250MHZ 8TSSOP	Texas Instruments	CDCLVC1102PW		8-TSSOP	
110	7	U15,U25,U26,U36,U37,U50,U51	SN74AUP1G07DCKR	IC BUF NON-INVERT 3.6V SC70-5	Texas Instruments	SN74AUP1G07DCKR		SC70-5	
111	1	U68	SN74AUP1T17DCKR	IC BUF SCHMITT-TRIGGER NON-INVERT 3.6V SC70-5	Texas Instruments	SN74AUP1T17DCKR		SC70-5	
112	11	U52,U53,U54,U55,U56,U57,U58,U59,U60,U61,U66	SN74LVC1G07DCKR	IC BUF NON-INVERT 3.6V SC70-5	Texas Instruments	SN74LVC1G07DCKR		SC70-5	
113	2	U16,U18	W25Q64JVSSIQ	IC FLASH 64M SPI 133MHZ 8SOIC	Winbond	W25Q64JVSSIQ		8-SOIC	
114	1	U20	LM1117IMPX-3.3/NOPB	IC REG LIN 3.3V 800MA SOT223-4	Texas Instruments	LM1117IMPX-3.3/NOPB		SOT-223	
115	1	U21	24LC024T-1/SN	IC EEPROM 2K I2C 400KHZ 8SOIC	Microchip	24LC024T-1/SN		8-SOIC	
116	1	U22	TPS2061DBV	IC SWITCH PWR DIST SNGL SOT23-5	Texas Instruments	TPS2061DBV		SOT23-5	
117	1	U23	IT6801FN	HDMI 1.4 Receiver	ITE Tech Inc	IT6801FN		76-QFN	

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118	1	U24	TLV70012DDC	IC REG LINEAR 1.2V 200MA SOT23-5	Texas Instruments	TLV70012DDC		SOT23-5	
119	1	U27	SN74CBTLV3257D	IC LV DUAL FET MUX/DEMUX 16SSOP	Texas Instruments	SN74CBTLV3257D		16-SOIC	
120	2	U29,U47	TLV70033DDC	IC REG LINEAR 3.3V 200MA SOT23-5	Texas Instruments	TLV70033DDC		SOT23-5	
121	1	U32	TPS54335ADDAR	IC REG BCK ADJ 3A SYNC 8SOPWRPAD	Texas Instruments	TPS54335ADDAR		8-SOIC	
122	1	U33	TLV62565DBVR	IC REG BCK ADJ 1.5A SYNC SOT23-5	Texas Instruments	TLV62565DBVR		SOT23-5	
123	1	U34	MSP430F5514IRGC	IC MCU 16BIT 64KB FLASH 64VQFN	Texas Instruments	MSP430F5514IRGC		64-QFN	
124	1	U35	DLPA3005DPFD	IC DLP PMIC LED DRIVER 100HTQFP	Texas Instruments	DLPA3005DPFD		100-HTQFP	
125	2	U39,U40	DLP3479CZEZ	DLP Controller	Texas Instruments	DLP3479CZEZ		201-VFBGA	
126	1	U44	TXS0102DCU	IC TRNSLTR BIDIRECTIONAL US8	Texas Instruments	TXS0102DCU		8-VSSOP	
127	2	U45,U46	SN74AVC4T774PWR	IC TRNSLTR BIDIRECTIONAL 16TSSOP	Texas Instruments	SN74AVC4T774PWR		16-TSSOP	
128	1	U48	CY7C65215-32LTXI	IC USB TO SERIAL BRIDGE 32QFN	Cypress	CY7C65215-32LTXI		32-QFN	
129	1	U49	SN74LVC1G06DCK	IC BUFFER INVERT 5.5V SC70-5	Texas Instruments	SN74LVC1G06DCK		SC70-5	
130	1	U62	LM2940IMP-5.0/NOPB	IC REG LINEAR 5V 1A SOT223-4	Texas Instruments	LM2940IMP-5.0/NOPB		SOT-223	
131	1	U65	SN74LVC1G08DCK	IC GATE AND 1CH 2-INP SC70-5	Texas Instruments	SN74LVC1G08DCK		SC70-5	
132	1	X3	24MHz	XTAL OSC XO 24.0000MHZ	YOKE	SO3225-024000-F1A-BBA-YA	ASE-24.000MHZ-LR-T	3.2*2.5mm	
133	1	Y1	27MHz	CRYSTAL 27.0000MHZ 18PF	YOKE	S5032B-027000-F16-YYC-YYA	7A-27.000MAAJ-T	5*3.2mm	
134	0	C11,C12,C13,C14,C204,C205	15pF	CAP CER 15PF 50V NPO 0402	Yageo	CC0402KRNPO9BN150		0402	
135	0	C246,C275,C385	0.1uF	CAP CER 0.1UF 16V X7R 0402	Yageo	CC0402KRX7R7BB104		0402	
136	0	C284	2.2nF	CAP CER 2200PF 16V X7R 0201	Yageo	CC0201KRX7R7BB222		0201	
137	0	C314,C315	22uF	CAP CER 22UF 35V X5R 1206	TDK	C3216X5R1V226M160AC		1206	
138	0	C318,C325	0.33uF	CAP CER 0.33UF 6.3V X5R 0402	Yageo	CC0402KRX5R5BB334		0402	
139	0	C426	33nF	CAP CER 0.033UF 16V X5R 0402	Yageo	CC0402KRX5R7BB333		0402	
140	0	D50,D52	B240A-13-F	DIODE SCHOTTKY 40V 2A SMA	Diodes Inc.	B240A-13-F		SMA	
141	0	FB4,FB7	GMLB-160808-0070S-N1	FERRITE BEAD 70 OHM 0603 1LN	MAG.LAYERS	GMLB-160808-0070S-N1	BLM18KG700TN1D	0603	
142	0	FB21	GMLB-100505-0120P-N8	FERRITE BEAD 120 OHM 0402 1LN	MAG.LAYERS	GMLB-100505-0120P-N8	BLM15EG121SN1D	0402	
143	0	J20	TU5005WNV-1x02	CONN HEADER 2POS .100" STR TIN	TYU	TU5005WNV-1x02	901200122		
144	0	R3,R4,R107,R108,R128,R129,R353,R374,R382,R384,R390,R485,R486,R617,R653,R669,R681,R784,R790,R791,R792,R794	10K	RES SMD 10K OHM 5% 1/16W 0402	Yageo	RC0402JR-0710KL		0402	
145	0	R131,R132,R145,R150,R151,R177,R178,R197,R198,R220,R221,R240,R354,R386,R392,R409,R418,R481,R489,R535,R536,R581,R609,R610,R618,R620,R624,R658,R660,R686,R690,R692,R740,R757,R758,R759,R760,R764,R766,R776,R777,R780,R781,R796,R799	0	RES SMD 0 OHM JUMPER 1/16W 0402	Yageo	RC0402JR-070RL		0402	
146	0	R144	7.5K	RES SMD 7.5K OHM 1% 1/16W 0402	Ralec	RTT027501FTH	RC0402FR-077K5L	0402	
147	0	R369,R370,R371,R372	100	RES SMD 100 OHM 5% 1/20W 0201	Yageo	RC0201JR-07100R		0201	
148	0	R407,R483,R788,R789	100K	RES SMD 100K OHM 5% 1/16W 0402	Yageo	RC0402JR-07100K		0402	
149	0	R608,R750	0	RES SMD 0 OHM JUMPER 1/4W 1206	Yageo	RC1206JR-070R		1206	
150	0	R783	330	RES SMD 330 OHM 5% 1/16W 0402	Yageo	RC0402JR-07330R		0402	
151	0	U28,U63,U67	SN74AUP1G07DCKR	IC BUF NON-INVERT 3.6V SC70-5	Texas Instruments	SN74AUP1G07DCKR		SC70-5	
152	0	U64	TPS3808G01DRV	IC VOLT SUPERVISOR ADJ 6SON	Texas Instruments	TPS3808G01DRV		6-SON	

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