

NXP Semiconductors
6501 William Cannon Drive West
Austin, TX 78735-8598

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Item	Quantity	AgilePN	ASSY_OPT	Reference Value	Description	ASSY_NOT Mfg_Name01	Mfg_PN01	PCB Footprint
1	1	280-77165	BH1	SMTSO-M25	FASTENER, STANDOFF M2.5-0.45 ROUND FEMALE OD CS L2MMX1MM	SHENZHEN SINHOO SCIENCE TECHNOLOGY DEVELOPMENT CO.,LTD	NXP01-001	mh244-166t
2	136	150-75634	C1,C2,C3,C	0.1uF	CAP CER 0.1uF 10V 10% XSR 0402	YAGEO AMERICA	CC0402KRXS68B8104	CC0402_25
3	19	150-78675	C4,C5,C15,	10uF	CAP CER 10uF 10V 10% XSR 0603	MURATA	GRM188R61A106KE9D	CC0603_OV
4	30	150-78463	C11,C38,C44,	7uF	CAP CER 4.7uF 6.3V 20% XSR 0402	TDK	C1005XSR0J475M0508C	0402_CC
5	2	150-76334	C17,C157	1000pF	CAP CER 1000PF 50V 5% COG 0402	MURATA	GRM1555C1H102JA01D	0402_CC
6	4	150-75663	C20,C21,C20,	1uF	CAP CER 0.1uF 16V 10% XSR 0402	TDK	C1005XSR1C104K	CC0402_25
7	2	150-30109	C25,C26	27PF	CAP CER 27PF 50V 5% COG 0402	KEMET	C0402C270J5GAC	CC0402_25
8	2	150-75634 DNP	C37,C42	0.1uF	CAP CER 0.1uF 10V 10% XSR 0402	YAGEO AMERICA	CC0402KRXS68B8104	CC0402_25
9	1	150-80189	C41	2.2uF	CAP CER 2.2uF 35V 10% XSR 0402	Murata	GRM155R6V2A225KE11D	CC0402_25
10	2	150-30082	C48,C121	0.01uF	CAP CER 0.01uF 16V 20% X7R 0402	AVX	0402YC103MAT2A	CC0402_25
11	11	150-75772	C50,C53,C61	0.0uF	CAP CER 1.0uF 10V 10% XSR 0402	YAGEO AMERICA	CC0402KRXS68B8105	0402_cc
12	21	150-76271	C52,C58,C50,	22uF	CAP CER 0.22uF 6.3V 20% XSR 0402	MURATA	GRM155R60J224ME01	0402_CC
13	2	150-76335	C57,C68	4.7PF	CAP CER 4.7PF 50V 0.25PF COG 0402	MURATA	GRM1555C1H4R7CA01D	0402_CC
14	2	150-75265	C60,C61	10PF	CAP CER 10PF 50V 5% COG 0402	AVX	0402SA100JAT2A	0402_CC
15	2	150-78467 DNP	C71,C246	22uF	CAP CER 22uF 6.3V 20% XSR 0603	Samsung	CL10A226MQ8NRNE	0603_CC
16	3	150-78467	C73,C168,C	22uF	CAP CER 22uF 6.3V 20% XSR 0603	Samsung	CL10A226MQ8NRNE	0603_CC
17	1	150-79699	C77	33uF	CAP CER 33uF 6.3V 20% XSR 0805	TDK	C2012XSR0J336M125AC	CC0805_OV
18	4	150-75265 DNP	C85,C86,C2	10PF	CAP CER 10PF 50V 5% COG 0402	AVX	0402SA100JAT2A	CC0402_25
19	6	150-75720	C96,C97,C1	15PF	CAP CER 15PF 16V 5% COG 0402	KEMET	C0402C150J4GAC	0402_CC
20	2	150-30297	C115,C126	220PF	CAP CER 220PF 50V 5% COG 0402	KEMET	C0402C22J5GAC	0402_CC
21	2	150-78467	C117,C120	22uF	CAP CER 22uF 6.3V 20% XSR 0603	Samsung	CL10A226MQ8NRNE	CC0603_OV
22	1	150-80365	C127	47uF	CAP CER 47uF 16V 20% XSR 1206	MURATA	GRM31CR61C476ME44L	cc1206_t00p3
23	6	150-75720 DNP	C136,C137	15PF	CAP CER 15PF 16V 5% COG 0402	KEMET	C0402C150J4GAC	0402_CC
24	2	150-76334 DNP	C140,C146	1000pF	CAP CER 1000PF 50V 5% COG 0402	MURATA	GRM1555C1H102JA01D	0402_CC
25	2	150-30269	C155,C156	56PF	CAP CER 56PF 50V 5% COG 0402	MURATA	GRM1555C1H560JA01D	CC0402_25
26	2	150-75634	C173,C184	0.1uF	CAP CER 0.1uF 10V 10% XSR 0402	YAGEO AMERICA	CC0402KRXS68B8104	0402_CC
27	3	150-79454	C180,C182,	2.2uF	CAP CER 2.2uF 6.3V 10% XSR 0402	MURATA	GRM155R60J225KE95	CC0402_25
28	2	150-76630 DNP	C208,C219	18PF	CAP CER 18PF 50V 1% COG 0402	YAGEO	CC0402FRNP09BN180	0402_CC
29	1	150-30082 DNP	C252	0.01uF	CAP CER 0.01uF 16V 20% X7R 0402	AVX	0402YC103MAT2A	CC0402_25
30	2	370-75079	D1,D6	RED	LED ULTRA BRIGHT RED SGL 30MA 0603	LITE ON	LTST-C190KRKT	LED_0603
31	2	370-76632	D2,D3	RED	LED RED SGL 20MA 0603	LITE ON	LTST-C193KRKT-5A	LED_0603
32	8	480-79672	D4,D5,D9,I	RBS21S30	DIODE SCH RECT 200MA 30V AEC-Q101 SOD-523	NEXPERIA	RB521S30,115	SOD523
33	1	480-75982	D7	MBRA160T3G	DIODE SCH PWR RECT 1A 60V CASE 403D	ON SEMICONDUCTOR	MBRA160T3G	case403D_02
34	1	370-76549	D8	GREEN	LED GRN SGL 25MA 0603	KINGBRIGHT	KPT-1608SGC	LED_0603
35	1	480-75997	D11	MBR120VLSFT1G	DIODE SCH RECT 1A 20V SMT	ON SEMICONDUCTOR	MBR120VLSFT1G	SOD-123
36	1	480-77217	D13	MM52SV1ST1G	DIODE ZNR -- 0.2W 5.1V AEC-Q101 SOD523	ON SEMICONDUCTOR	MM52SV1ST1G	sod_523_1p4
37	1	370-75097	D16	LED_RED-GRN	LED RED GRN DUAL 30/25MA SMT	KINGBRIGHT	APB3025EGC-F01	LED_DUAL_3025MM_!
38	1	480-77157	D17	NUP2105L	DIODE DUAL LINE CAN BUS PROTECTOR 27V 350W SOT-23	On semiconductor	NUP2105LT1G	lot-23
39	1	180-77935 DNP	FL1	ACT45B-510-2P	FILTER COMMON MODE 51uH@100kHz 200mA 50V AEC-Q200 SMT	TDK	B82787CS13H2	ind4_4p7x3p4_smt
40	4	280-76498 DNP	H1,H2,H3,I	.635" LONG	FASTENER, STANDOFF 4.5MMX3.53XM3.0X0.5 ROUND THR. .635"L BRASS	UNICORP	MS5251-R-1-A-16	spacer_139t
41	1	210-30004 DNP	JP1	SHORT_100mil	CON 2 JUMPER MALE 2.54MM SP 157H AU	PRECI-DIP CONNECTION TECHNOLOGY	999-11-110-10	100MIL_TH
42	3	211-78692	J1,J47,J48	USB AB 5	CON 5 USB MICRO-AB RA SKT SMT 0.65MM SP AU	HIROSE	ZX62D-AB-5P8[30]	con9_microAB_usb_sh
43	1	210-80775	J2	BH25420B301	CON 2X10 PLUG SHRD TH 100MIL CTR 366H AU 118L	SHENZHEN ATOM TECHNOLOGY CO.,LTD	BH25420B301	hdr_2x10m_100_th
44	16	210-81490	J3,J4,J5,J9,	HDR 1X2	HDR 1X2 TH 100MIL SP 339H AU 98L	ANYTRONIC CORPORATION LIMITED	090150202011N9T-31RF	HDR102
45	1	210-81491	J6	HDR_1X3	HDR 1X3 TH 100MIL SP 338H AU 98L	ANYTRONIC CORPORATION LIMITED	090150203011N9T-31RF	HDR103
46	2	210-78092 DNP	J7,J14	CON_2_RCA	CON 2 RCA SKT RA TH BLACK -- 512H SN	KYCON	KLXP-0848A-2-B	con2_rca_ra_th
47	1	211-80173	J8	M.2 MINI CARD	CON 67 M.2 NGFF MINI CARD DOUBLE SIDE RA SMT 0.5MM SP 165H AU	TE CONNECTIVITY LTD	2199230-4	con_67_0p5_22x7p75,
48	1	210-81466	J15	HDR 2X5	HDR 2X5 TH 50MIL CTR 172H AU 91L	ANYTRONIC CORPORATION LIMITED	092250205011N9T-31RF	hdr205_50_th
49	2	210-81617	J16,J32	SKT_1X8	HDR 1X8 SKT TH 100MIL SP 344H AU 118L	ANYTRONIC CORPORATION LIMITED	0800153 0811-29RF	con_1x8_skt_2p54_th
50	1	210-81618	J17	SKT_1X10	CON 1X10 SKT TH 100MIL SP 344H AU 118L	ANYTRONIC CORPORATION LIMITED	0800153 1011-29RF	con_skt1x10_th
51	5	210-81490 DNP	J18,J20,J31	HDR 1X2	HDR 1X2 TH 100MIL SP 339H AU 98L	ANYTRONIC CORPORATION LIMITED	090150202011N9T-31RF	HDR102
52	1	210-82754	J19	HDR_2x5	HDR 2X5 TH 2MM CTR 246H AU 110L	ANYTRONIC CORPORATION LIMITED	0912501 05011N6T-31LF	hdr2x5_2mm_th
53	1	211-80169	J22	95220030-14RRF	CON 8 SKT SD/MMC RA SMT 43MIL SP 84H AU	ANYTRONIC CORPORATION LIMITED	95220030-14RRF	CON_SDCARD_95220
54	1	210-82753	J23	HDR_2x12	HDR 2X12 TH 2MM CTR 246H AU 110L	ANYTRONIC CORPORATION LIMITED	0912501 12011N6T-31LF	hdr2x12_2mm_th
55	1	211-79467	J24	SSM-104-L-DV	CON 2X4 SKT SMT 2.54MM CTR 300H AU	SAMTEC	SSM-104-L-DV	con_2x4_skt_100_sm
56	1	210-81616	J33	SKT_1X6	CON 1X6 SKT TH 100MIL SP 344H AU 118L	ANYTRONIC CORPORATION LIMITED	0800153 0611-29RF	con_skt1x6_th
57	1	211-79704	J34	PJ31360-I	CON 6 AUD JACK RA SMT -- 191H AU	SHENZHEN ATOM TECHNOLOGY CO.,LTD	PJ31360-I	con6_audjack_ra_th
58	4	210-80212	J35,J36,J37	HDR_1X2	HDR 1X2 TH 50MIL SP 165H AU 91L	SULLINS ELECTRONICS CORP	GRP8B021VWVN-RC	hdr1x2_50mil
59	1	210-81467	J40	HDR 2X5	HDR 2X5 TH 100MIL CTR 338H AU 98L	ANYTRONIC CORPORATION LIMITED	090251005011N9T-31RF	hdr205
60	1	210-81491 DNP	J42	HDR_1X3	HDR 1X3 TH 100MIL SP 338H AU 98L	ANYTRONIC CORPORATION LIMITED	090150203011N9T-31RF	HDR103
61	1	211-79967	J43	RI45_YLW+GRN	CON 12 RI45 SHLD RA SM 1.02MM SP 625H --	HanRun Electronics Co., Ltd	HR961160C	con12_ri45_1p02_sm
62	1	210-80780	J45	CON_1_PWR	CON 1 PWR PLUG RA TH 2.5A 20V -- 441H SN/NI	SHENZHEN ATOM TECHNOLOGY CO.,LTD	DC060024202	con3_pwr_th
63	1	211-80120	J46	CON_1X24	CON 1X24 FPC/FFC RA SKT SMT 0.5MM SP 146H SN/AU	SHENZHEN ATOM TECHNOLOGY CO.,LTD	FFC05024-09200	fpclx24_0p5_16p6x5p
64	1	750-77763	J49	CON 1X40 + CON 1X6 + TFT DISPLAY	SUBASSEMBLY CON 1X40 FPC SMT RA + CON 1X6 FPC/FFC RA SKT + TFT DISPLAY 4.3INCH	SUBASSEMBLY	211-79974,211-79976,375-00010	module_touch_panel_
65	8	180-78156	L1,L2,L12,L	330 OHM	IND FER BEAD 330OHM@100MHZ 1.7A 0603	TDK	MPZ1608S331A	ind_1608
66	1	180-78215	L3	10uH	IND WW FER 10uH@1MHz 0.99A 20% 4012	TDK	VLS4012ET-100M	ind_vls4012e
67	1	180-78685	L4	4.7uH	IND PWR 4.7uH@100kHz 1.55A 20% SMT	WURTH ELEKTRONIK EISOS GMBH & CO. KG (ELECTRONIC & ELECTROMECHANICAL COMP)		74404041047 ind_4p2x4p2

Item	Quantity	AgilePN	ASSY_OPT	Reference Value	Description	ASSY_NOT Mfg_Name01	Mfg_PN01	PCB Footprint
68	9	180-77771	L5,L6,L7,L11	120 Ohm	IND FER BEAD 120 OHM@100MHZ 0.5A 25% 0402	Murata	BLM15AG1215N1D	0402_CC
69	1	180-77797	L8	1uH	IND PWR 1UH@100KHZ 2.6A 30% SMT	Shenzhen Sunlord Electronics Co., Ltd	SWP4A020S1R0NT	ind4_4020
70	3	180-76336	L9,L10,L15	90OHM	IND CHK 90 OHM@100MHZ 330MA 25% 0805	MURATA	DLW21HN900SQ2L	ind4_choke_0805
71	1	510-77987	P1	EM6022P	AUDIO DEVICE MIC 0.5MA 2V 38-48/-3dB 2.2KOHM 6MM TH	Soberton Inc	EM6022P	mic_WM-63PR
72	4	480-75317	Q1,Q2,Q6,I	25K3018	TRANS MOSFET N-CH 30V .1A SOT-323	ROHM	25K3018T106	SOT323_3
73	2	480-77718	Q3,Q5	IRLML6401	TRAN PMOS PWR 12V 4.3A SOT23	INTERNATIONAL RECTIFIER	IRLML6401TRPBF	sot-23
74	1	480-75158	Q4	BC817-40LT1G	TRAN NPN GEN 45V 0.5A SOT-23	ON SEMICONDUCTOR	BC817-40LT1G	SOT23
75	2	480-77039	Q7,Q10	FDMA530PZ	TRAN PMOS PWR 30V 6.8A	FAIRCHILD	FDMA530PZ	MLP6_2X2MM_SLUG
76	1	480-78465	Q8	MMBT3906TT1G	TRAN PNP GEN AMP 200MA 40V AEC-Q101 SC75	ON SEMICONDUCTOR	MMBT3906TT1G	sc_75
77	1	480-79704	Q11	B5H111BK	TRAN NMOS 5W FET 55V 210mA SOT23	NEXPERIA	B5H111BKRR	SOT23_A
78	161	470-75394	R1,R5,R7,R		0 RES MF ZERO OHM 1/16W 5% 0402	ROHM	MCRO1M2PJ000	0402_CC
79	46	470-75557	R2,R39,R71	10K	RES MF 10K 1/16W 5% 0402	VISHAY INTERTECHNOLOGY	CRCW040210K0JNEID	0402_CC
80	3	470-31093	R3,R240,R	200K	RES MF 200K 1/10W 1% AEC-Q200 0402	KOA SPEER	RK73H1ETTP2003F	0402_CC
81	3	470-31135	R4,R236,R	464K	RES MF 464K 1/10W 1% AEC-Q200 0402	KOA SPEER	RK73H1ETTP4643F	0402_CC
82	1	470-31088	R6	180K	RES MF 180K 1/10W 1% AEC-Q200 0402	KOA SPEER	RK73H1ETTP1803F	RC0402_25
83	64	470-75394	DNP		0 RES MF ZERO OHM 1/16W 5% 0402	ROHM	MCRO1M2PJ000	0402_CC
84	13	470-75626	R12,R68,R	4.7K	RES MF 4.7K 1/16W 5% 0402	NIC COMPONENTS CORP	NRCL04I472TRF	RC0402_25
85	14	470-75597	R19,R28,R	100K	RES MF 100K 1/16W 5% 0402	VENKEL COMPANY	CR0402-16W-104IT	0402_CC
86	7	470-76602	R20,R22,R	12.2K	RES MF 2.2K 1/16W 5% 0402	YAGEO AMERICA	RC0402JR-072K2L	RC0402_25
87	2	470-81890	R21,R24		270 RES MF 270 OHM 1/16W 5% 0402	Yageo	RC0402JR-07270RL	RC0402_25
88	4	470-76083	R23,R102,F	12.0K	RES MF 12.0K 1/16W 1% 0402	BOURNS	RC0402-FX-1202GLF	RC0402_25
89	4	470-80511	R29,R30,R4	1.00k	RES MF 1.00k Ohm 1/16W 1% AEC-Q200 0402	KOA SPEER	RK73H1ETTP1001F	RC0402_25
90	2	470-82143	R35,R38		100 RES MF 100 OHM 1/16W 5% 0402	YAGEO AMERICA	RC0402JR-07100RL	RC0402_25
91	18	470-75557	DNP		RES MF 10K 1/16W 5% 0402	VISHAY INTERTECHNOLOGY	CRCW040210K0JNEID	0402_CC
92	3	470-30454	R46,R157,F		100 RES MF 100 OHM 1/16W 1% 0402	THYE MING TECH CO LTD	CR-02FL6-100R	0402_CC
93	34	470-75555	R56,R57,R	15K	RES MF 1.0K 1/16W 5% 0402	VISHAY INTERTECHNOLOGY	CRCW04021K00JNEID	0402_CC
94	2	470-80519	R75,R82		27 RES MF 27 OHM 1/16W 5% AEC-Q200 0402	VISHAY INTERTECHNOLOGY	CRCW040227R0JNEID	RC0402_25
95	4	470-76240	R83,R232,F	100K	RES MF 100K 1/16W 1% 0402	NIC COMPONENTS CORP	NRCL04F1003TRF	RC0402_25
96	1	470-30965	R90	15K	RES MF 15K 1/16W 1% 0402	WALSIN TECHNOLOGY CORP.	WR04X1502FTL	RC0402_25
97	1	470-80029	R128		374 RES MF 374 OHM 1/8W 1% 0805	VISHAY INTERTECHNOLOGY	CRCW0805374RFKEA	RC0805_OV
98	1	470-77900	R129		93.1 RES MF 93.1 OHM 1/8W 1% AEC-Q200 0603	KOA SPEER	RK73H1JTD093R1F	RC0603_OV
99	7	470-80199	DNP		0.02 RES MF 0.02 OHM 1/10W 1% 0603	VISHAY INTERTECHNOLOGY	WSL0603R0200FEA	RC0603_OV
100	5	470-75555	DNP		RES MF 1.0K 1/16W 5% 0402	VISHAY INTERTECHNOLOGY	CRCW04021K00JNEID	0402_CC
101	2	470-75847	R136,R137		10 RES MF 10 OHM 1/10W 5% 0603	BOURNS	CR0603-JW-100ELF	RC0603_OV
102	1	470-76238	R153		75 RES TF 75.0 OHM 1/8W 1% 0805	YAGEO AMERICA	RC0805FR-0775RL	RC0805_OV
103	4	470-75597	DNP		RES MF 100K 1/16W 5% 0402	VENKEL COMPANY	CR0402-16W-104IT	0402_CC
104	5	470-75626	DNP		RES MF 4.7K 1/16W 5% 0402	NIC COMPONENTS CORP	NRCL04I472TRF	0402_CC
105	1	470-75806	R198	2.20K	RES MF 2.2K 1/10W 1% 0603	BOURNS	CR0603-FX-2201ELF	RC0603_OV
106	1	470-75609	R199	22K	RES MF 22K 1/16W 5% 0402	SMEC	CR73L2223JTF	RC0402_25
107	1	470-79978	DNP		RES MF 1M 1/10W 5% AEC-Q200 0402	KOA SPEER	RK73B1ETTP105J	0402_CC
108	1	470-31210	R209	2.2M	RES MF 2.2M 1/10W 1% AEC-Q200 0402	KOA SPEER	RK73H1ETTP2204F	RC0402_25
109	1	470-30927	R219	6.49K	RES MF 6.49K 1/16W 1% 0402	WALSIN TECHNOLOGY CORP.	WR04X6491FTL	0402_CC
110	1	470-30297	R222		220 RES MF 220 OHM 1/10W 5% 0603	YAGEO AMERICA	RC0603JR-07220RL	RC0603_OV
111	4	470-75432	DNP		49.9 RES MF 49.9 OHM 1/10W 1% 0603	BOURNS	CR0603-FX-499ELF	RC0603_OV
112	1	470-80487	R229	1.5K	RES MF 1.5K 1/16W 1% 0402	BOURNS	CR0402-FX-1501GLF	0402_CC
113	1	470-31102	R231	243K	RES MF 243K 1/10W 1% AEC-Q200 0402	KOA SPEER	RK73H1ETTP2433F	0402_CC
114	2	470-76064	R265,R288	3.3K	RES MF 3.3K 1/16W 5% 0402	YAGEO AMERICA	RC0402JR-073K3L	RC0402_25
115	2	470-78674	R285,R286		62 RES MF 62.0 OHM 1/4W 1% AEC-Q200 0805	KOA SPEER	RK73H2ATTD62R0F	0805_CC
116	1	470-31015	R289	40.2K	RES MF 40.2K 1/16W 1% 0402	YAGEO AMERICA	RC0402FR-0740K2L	0402_CC
117	1	470-75557	R290	10K	RES MF 10K 1/16W 5% 0402	VISHAY INTERTECHNOLOGY	CRCW040210K0JNEID	RC0402_25
118	1	470-79978	R291	1M	RES MF 1M 1/10W 5% AEC-Q200 0402	KOA SPEER	RK73B1ETTP105J	0402_CC
119	1	470-31088	R296	180K	RES MF 180K 1/10W 1% AEC-Q200 0402	KOA SPEER	RK73H1ETTP1803F	0402_CC
120	1	470-76590	R367	30K	RES MF 30K 1/16W 1% 0402	THYE MING TECH CO LTD	CR02FL6-30K	RC0402_25
121	2	470-31004	DNP		RES MF 33K 1/16W 1% 0402	YAGEO AMERICA	RC0402FR-0733KL	RC0402_25
122	4	510-77562	SW1,SW5,1	SPST PB	SW SPST MOM NO PB TACT 50mA 50V SMT	E SWITCH	TL3301AF260QG/TR	SW4_PB_ESW_SM_P1
123	2	510-77990	SW2,SW4	DHN-04	SW 4P SPST DIP 25MA 24V SMT	DIPTRONICS MANUFACTURING	DHN-04-V	97CD4
124	1	510-77990	DNP		SW 4P SPST DIP 25MA 24V SMT	DIPTRONICS MANUFACTURING	DHN-04-V	97CD4
125	1	510-77598	SW6	EG2209A	SW DPDT SLD 0.1A 12V L=4 TH	E SWITCH	EG2209A	sw6_dpdt_11x6mm
126	4	210-30155	TP1,TP19,T		5006 TEST POINT BLK 70X220 MIL TH	Keystone Electronics		5006 tp_th_063
127	3	211-76642	TP2,TP3,TP	TPAD_030	TEST POINT PAD 30MIL DIA SMT, NO PART TO ORDER	NOTACOMPONENT		TPAD_030
128	18	510-75618	TP4,TP5,TP	TP_35MIL	TEST POINT PAD .035 SMT, no part to order	on semiconductor	ES05B85.05T1G	testpoint_35mil
129	5	480-76937	TVS1,TVS2,ESD	05B85.05T1G	DIODE SUPPRESSOR 16A@30NS 5V@1UA SOD-523	Union Semiconductor, Inc	TTWB1010LD	diode2_sod523
130	2	560-75273	DNP		XFMR SMT 780UH/780UH/250MA WIDEBAND XFMR6_6.6X.2	COILCRAFT	UM17505-00	xfmr6_6p6x6p2
131	3	315-80554	U1,U21,U3	UM17505-00	IC VREG LDO ADJ 1.5V 350mA 2.5-6V SOT23-5	Union Semiconductor, Inc	UM17505-00	sot23-5_a
132	1	312-80763	U2	NTSX2102GU8H	IC DUAL SUPPLY XCVR 50 MBPS 5.5V XQFN8	NXP Semiconductors	NTSX2102GU8H	xqfn8_1p45x1p25mm
133	1	315-76725	U3	PRTRSV0U2X	IC USB ESD PROTECTION 8KV SOT143	NEXPERIA	PRTRSV0U2X,215	SOT143B
134	2	312-81277	U4,U6	741VC1T45GW,125	IC XCVR XLATING DUAL 3-STATE 1.2- 5.5V TSSOP6	NEXPERIA	741VC1T45GW,125	SOT-363_OP65_SMT
135	1	312-81751	U5	741VC2T45DC	IC TRANSLATING XCVR DUAL BIT/SUPPLY TS 1.2-5.5V VSSOP8	NEXPERIA	741VC2T45DC	SSOP8_DCU
136	3	312-81574	U7,U28,U3	NXSP3090UK	IC USB PD TYPE C CURRENT LIMITED PWR SW 2.5-5.5V WLCSPI2	NXP SEMICONDUCTORS	NXSP3090UK,012	wlcspi2_op4_1p38x1p
137	1	344-02176	U8	LPC4322JET100	IC MCU CORTEX M4 CORE 512KB FLASH 3.0-3.6V BGA100	NXP SEMICONDUCTORS	LPC4322JET100E	fbga100_op8_9x9
138	2	312-79594	U9,U10	74AVC8T245PW	IC VKLTR 8BIT TS 1.2-3.6V TSSOP-24	NEXPERIA	74AVC8T245PW,118	TSSOP24_65MM
139	1	312-80889	U11	NTS0102	IC XCVR 2-BIT 1.65-3.6V/2.3-5.5V TSSOP8	NXP SEMICONDUCTORS	NTS0102DP	tssop8_a
140	1	312-80418	DNP		IC ACCELEROMETER AND MAGNETOMETER SENSOR 3-AXIS 2.5V QFN16	Freemscale Semiconductor	FXOS8700CQ	QFN5X3_OP5_3x3
141	1	312-30127	U12	NL175Z126DF	IC BUF TS 1.65-5.5V SOT-353	ON SEMICONDUCTOR	NL175Z126DFT2G	SC-70
142	1	315-81383	U14	UM1661	IC CDC LED DRIVER BOOST 500KHZ-2MHZ 24V 1.5A 2-6V SOT23-6	Union Semiconductor, Inc	UM1661	sot23_6_b
143	1	315-81072	U15	NC7WV04L6X	IC INVERTER ULP-A DUAL 0.93.6V MICROPAK6	FAIRCHILD	NC7WV04L6X	MICROPAK_6P
144	1	334-77760	U16	IS42516160I-6BLI	IC MEM DRAM 16MX16 166MHZ SYNC 3.0-3.6V TFBGAS4	ISSI	IS42516160I-6BLI	vfbga54_8x8
145	1	TMP-CIP-6509	U17	MIMXRT1062DVL68	IC CPU ARM Cortex-M7 600MHZ 1.3V MAPBGA196	ONP SEMICONDUCTORS	MIMXRT1062DVL68	bga196_Op65_10x10mm
146	1	312-81089	U18	KSZ8081RNB	IC XCVR 10/100M EPHY 3.3V QFN32	Micrel	KSZ8081RNB	qfn32_op5_ep3p3
147	1	315-80553	U19	UM803RS	IC VOLT MONITOR 2.63V RST VTH 1-5.5V AUTO SOT-23	Union Semiconductor, Inc	UM803RS	sot-23

Item	Quantity	AgilePN	ASSY_OPT	Reference	Value	Description	ASSY_NOT Mfg_Name01	Mfg_PN01	PCB Footprint
148	1	342-00655		U20	S26K5512SDPBHI02	IC MEM FLASH 512 Mbit (64 Mbyte) Octal SPI 1.8V 166MHz BGA24	CYPRESS SEMICONDUCTOR	S26K5512SDPBHI02	pbga24_1_6x8mm
149	1	480-75205 DNP		U22	SRV05-4	DIODE TVS ARRAY 12A 5V 300W SOT23_S6	SEMTECH CORP	SRV05-4.TCT	SOT23_S6
150	1	312-81479		U23	TJA1057GT/3	IC XCVR CAN 4.75-5.25V/2.95-5.25V AEC-Q100 SO8	NXP SEMICONDUCTORS	TJA1057GT/3	SO8_1P27_4x5
151	1	334-77734		U24	IS25WP064AJBLE	IC MEM FLASH QPI 64Mb 1.65-1.95V SOIC8W	ISSI	IS25WP064A-JBLE	SO8-25X75-200
152	1	315-79450		U25	WM8960	IC CODEC STEREO WITH CLASS D SPEAKER DRIVER 1.71-3.6V QFN32	WOLFSON MICROELECTRONICS	WM8960CGEFL/RV	qfn32_s142ep
153	1	315-81422		U26	UM15505-18	IC LIN VREG LDO 1.8V 250mA 1.8-8V SOT23-3	Union Semiconductor, Inc	UM15505-18	sot23-3-1p95
154	1	315-80564		U27	UM805RE	IC VOLT MONITOR 2.63V VTH RST 1-5.5V SOT143	Union Semiconductor, Inc	UM805RE	sot_143
155	1	315-80508		U29	MP2144GJ	IC SYNC STEP-DOWN SW 1.2MHZ 0.6V 2A 2.5-5.5V TSOT23-8	MONOLITHIC POWER SYSTEMS	MP2144GJ	tsot23_8_0p65_2x1
156	2	480-78843		U32, U33	RClamp0854P.TCT	DIODE TVS ARRAY 3 5.5V SLP1616P6	SEMTECH CORP	RClamp0854P.TCT	slp1616p6
157	1	230-77929		Y1	32.768KHZ	Obsolete. Suggested replacement for new designs is 230-77232, but this is not elect/physic equal	ABRACON CORPORATION	ASH7K-32.768KHz-T	xtal_3p4x1p7_sm
158	1	230-78082		Y2	12MHZ	XTAL 12MHZ RSN -- 18PF 30PPM SMT	ABRACON CORP	ABLS2-12.000MHZ-D4Y-T	xtl2_11p6x4p85_sm
159	1	230-77452		Y3	24MHZ	XTAL 24MHZ -- 30PPM 3.2X2.5MM SMD	TXC CORP	7V24000002	xtlsc4_3p2x2p5mm_s
160	1	230-78102		Y4	32.768KHZ	XTAL 32.768KHZ 7PF 20PPM -- SMT	EPSON ELECTRONICS	FC-135 32.7680KA-AG3	XTAL2-3p2x1p5-5M

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