

Project ID: RIGGER  
 BOM Name: SABRE RANGER ASSY BOM



Release Date: 16/09/08

Revision : 030

BILL OF MATERIAL

S/N	ITEM P/N	REV NO	DESCRIPTION	LOCATION	QTY	UOM	MFG	MFG P/N	1ST S.V.	2nd MFG	2nd MFG P/N	2ND S.V.
1	10B101Q6030	030	<b>Final Packaging for Sabre Ranger</b>		1	SET	NA	NA	NA			
2	44A11339030		Label, Shipment Label, Rigger, Self-Adhesive Thermal Transfer Polyester, (70x60x0.076)mm		0.666	PCS	ID Label	-	ID Label			
3	44A41282010		Label, Serial Barcode Label, Lotus, Self-Adhesive Thermal Transfer Polyester, (44x17x0.076)mm		1	PCS	ID Label	-	ID Label			
4	45C90235110		Bulk Packaging, Shipping Box, I/D:(465x391x418)mm		0.333	PCS	Prelude Printing (M) Sdn Bhd	-	Prelude Printing (M) Sdn Bhd			
5	12A201R9030	030	<b>Packaging / Accessory for Sabre Ranger</b>		1	SET	NA	NA	NA			
6	35B24010004		Power Adapter Switching, AC-DC, 100-240VAC, 50/60Hz, 2 pin I/P plug, 15VDC, 2.8A, Straight DC jack, (+,-), (ID=2.1mm, OD=5.5mm, L=1828mm)		1	PCS	Dee Van Electronics (DVE)	SB1/SPA	QPACP Pte Ltd			
7	38280510010		Box Handle, Lotus, ABS, Black, (152x18x4)mm		1	PCS	Prelude Printing (M) Sdn Bhd	-	Prelude Printing (M) Sdn Bhd			
8	44A41282010		Label, Serial Barcode Label, Lotus, Self-Adhesive Thermal Transfer Polyester, (44x17x0.076)mm		1	PCS	ID Label	-	ID Label			
9	44A41340030		Label, Order Code Label, Rigger, Self-Adhesive Thermal Transfer Polyester, (60x18x0.076)mm		1	PCS	ID Label	-	ID Label			
10	45A95000030		PE Bag, General, PE Clear, (450x240(open)x0.06)mm		1	PCS	Asia Plastic	-	Asia Plastic			
11	45A95001030		Zip Bag, General, PE Clear, (180x145(open)x0.06)mm		1	PCS	Asia Plastic	-	Asia Plastic			
12	45B90238110		Product Packaging, Pretty Box, I/D:(370x150x385)mm		1	PCS	Prelude Printing (M) Sdn Bhd	-	Prelude Printing (M) Sdn Bhd			
13	45H95000030		Top Polyfoam, Cushioning, EPE Foam, Pink, (370x360x70)mm		1	PCS	Jebson & Jessen Broadway (M) Sdn Bhd	-	Prelude Printing (M) Sdn Bhd			
14	45H95001030		Bottom Polyfoam, Cushioning, EPE Foam, Pink, (370x360x70)mm		1	PCS	Jebson & Jessen Broadway (M) Sdn Bhd	-	Prelude Printing (M) Sdn Bhd			
15	45J90228030		Product Packaging, Foam Sleeve, (370x360x140)mm		1	PCS	Prelude Printing (M) Sdn Bhd	-	Prelude Printing (M) Sdn Bhd			
16	45M95000030		Product CD Cover		1	SET	Sonopress	-	Sonopress			
17	53N01030138		Cable Pack, IP65-Compliant, (8P8C RJ45 CAT.5 Network Plug Cable, 6P4C RJ11 Telephone Cord Cable, Power Cord Cable ), Pantone Warm Grey 1C, Length= 10meters.		1	SET	-	-	-			
18	74B00115030		Quick Start Guide (Printed)		1	PCS	-	-	-			
19	87A89042030		Product CD (Inclusive of drivers, launch pad & all documentations)		1	SET	Sonopress	-	Sonopress			
20	15Q001P9030	030	<b>Assembly for Sabre Ranger</b>		1	SET	NA	NA	NA			
21	37C92000030		Bottom Housing, Rigger, Aluminium, Pantone Cool Grey 10M, Matt Finish, (304.3x188.3x41)mm		1	PCS	Beyonics Precision Engineering Pte Ltd	-	Beyonics Precision Engineering Pte Ltd			

22	37D77289030		Baseband Shield, Lotus, Aluminium, (174x114x5)mm		1	PCS	Beyonics Precision Engineering Pte Ltd	-	Beyonics Precision Engineering Pte Ltd			
23	37D77290030		RF Shield, Lotus, Aluminium, (133x114x9.8)mm		1	PCS	Beyonics Precision Engineering Pte Ltd	-	Beyonics Precision Engineering Pte Ltd			
24	37P77292031		RF Heatsink, Lotus, Aluminium, (206x125x19)mm		1	PCS	Beyonics Precision Engineering Pte Ltd	-	Beyonics Precision Engineering Pte Ltd			
25	37X92001030		Connector Cover, Rigger, Aluminium, Pantone Cool Grey 10M, Matt Finish, (77.1x49.6x2)mm		1	PCS	PNE Micron Engineering Sdn Bhd	-	PNE Micron Engineering Sdn Bhd			
26	38394EA1030		Top Housing, Rigger, PC/ABS, Pantone Cool Grey 7M, Matt Finish, (304.3x188.3x41)mm		1	PCS	Sanichi Precision Plastic Sdn Bhd	-	Sanichi Precision Plastic Sdn Bhd			
27	39A55000088		Screw, Pan Head (Phillips), Stainless Steel, M2x10 mm		33	PCS	Coffer Industrial Supplies	SMSSPS-M2PP010	Coffer Industrial Supplies			
28	39A55000089		Screw, Pan Head (Phillips), Stainless Steel, M2x3 mm		2	PCS	Coffer Industrial Supplies	SMSSPS-M2PP003	Coffer Industrial Supplies			
29	39A55000090		Screw, Pan Head (Phillips), Stainless Steel, M2x4 mm		16	PCS	Coffer Industrial Supplies	SMSSPS-M2PP004	Coffer Industrial Supplies			
30	39A55000102		Screw, Pan Head (Torx), Rubber O-Ring Attached (Black) (Thickness=1mm), Stainless Steel (Black), M4x12 mm		8	PCS	Coffer Industrial Supplies	MIS-A-770	Coffer Industrial Supplies			
31	39A55000107		Screw, Pan Head (Phillips), Split & Flat Washer Attached (Thickness=1.25mm), Stainless Steel, M3x6 mm		5	PCS	Coffer Industrial Supplies	SESSPS-M3PP006S3	Coffer Industrial Supplies			
32	42M94000030		Rubber O-Ring, Rigger, 3445F NBR, Black, (Length=56.87, Thicknss=Ø1.78)mm		1	PCS	Altrust Design	-	Altrust Design			
33	42M94001030		Rubber O-Ring, Rigger, 3445F NBR, Black, (Length=845, Thicknss=Ø1.87)mm		1	PCS	Altrust Design	-	Altrust Design			
34	44A41282010		Label, Serial Barcode Label, Lotus, Self-Adhesive Thermal Transfer Polyester, (44x17x0.076)mm		1	PCS	ID Label	-	ID Label			
35	44A41284010		Label, Caution Label, Lotus, Self-Adhesive Thermal Transfer Polyester, (39x13x0.076)mm.		1	PCS	ID Label	-	ID Label			
36	44A41330100		Label, Warranty Seal Sticker, Lotus, Self-Adhesive Brittle Label BF-B530200WG, (Ø11x0.076)mm		1	PCS	ID Label	-	ID Label			
37	44A41338030		Label, Product Label, Rigger, Self-Adhesive Thermal Transfer Polyester, (49x29x0.076)mm		1	PCS	ID Label	-	ID Label			
38	44P41000030		Label, SIM Card Label, Rigger, Self-Adhesive Thermal Transfer Polyester, (14x13x0.076)mm		1	PCS	ID Label	-	ID Label			
39	54C00110008		Adhesive Tape, 3M-9482, T=0.05mm, (20x10)mm		1	PCS	Applied Digital System Pte Ltd	9482PC	Applied Digital System Pte Ltd			
40	20E052M0101	101	<b>Assembly RF Board PCBA, Lotus</b>		1	SET	NA	NA	NA			
41	30E00091100		RF Board PCB, FR4, Immersion Gold, 4L, 1.6T, 126.5mmx116.3mm		1	PCS	Techwise Circuit	-	Techwise Circuit			
42	40421000352		CONNECTOR Coaxial Straight PCB Jack Female Thru Hole 82 MMBX-50-0-2/111N Op. Temp= -55 deg.C to +155 deg.C	E3	1	PCS	HUBER+SUHNER (Singapore) Pte Ltd	82 MMBX-50-0-2/111 NH	HUBER+SUHNER (Singapore) Pte Ltd			
43	40H70060249		CONNECTOR Dual Row Female Header Socket SMT 6 Pins P=2mm H=4mm (2x3) [M220-638XXXX Series] Op. Temp= -40 deg.C to +105 deg.C	CON1	1	PCS	Harwin Inc.	M220-6380305	Garner Pte Ltd			

44	40H70080309		CONNECTOR Dual Row Female Header Socket SMT 8 Pins P=2mm H=4mm (2x4) [M220-638XXXX Series] Op. Temp= -40 deg.C to +105 deg.C	CON3		1	PCS	Harwin Inc.	M220-6380405	Garner Pte Ltd			
45	40H70260308		CONNECTOR Dual Row Female Header Socket SMT 26 Pins P=2mm H=4mm (2x13) [M220-638XXXX] Op. Temp= -40 deg.C to +105 deg.C	CON2		1	PCS	Harwin Inc.	M220-6381305	Garner Pte Ltd			
46	51C2A101005		CAP TANT Low ESR SMT 10uF +/-20% 10V CASE A ESR=900 mOhm [TPS Series] Op. Temp= -55 deg.C to +125 deg.C	C5 C6 C8		3	PCS	AVX Corporation (Kyocera Group)	TPSA106M010R0900	Avnet Asia (S) Pte Ltd			
47	51C2A161004		CAP TANT SMT 1uF +/-20% 16V CASE A Op. Temp= -55 deg.C to +125 deg.C	C2 C11 C16 C23 C32 C33 C74 C249 C250 C256 C261 C262 C268 C296 C302		15	PCS	PARTSNIC Co., Ltd	TSM1C105ASSR	Nextway Pte Ltd	KEMET Corporation	T491A105K020AT	Westech Electronics Pte Ltd
48	51C2A161005		CAP TANT SMT 10uF +/-20% 16V CASE A Op. Temp= -55 deg.C to +125 deg.C	C20 C243		2	PCS	PARTSNIC Co., Ltd.	TLM1C106ASSR	Nextway Pte Ltd	KEMET Corporation	T491A106M016AT	Westech Electronics Pte Ltd
49	51F04500100		CAP 0402 SMT 10pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C111 C145 C175 C312 C313		5	PCS	Walsin Technology Corp.	0402N100J500LT	TNB Electronics Pte Ltd			
50	51F04500220		CAP 0402 SMT 22pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C253 C254 C265 C266 C331 C334		6	PCS	Walsin Technology Corp.	0402N220J500LT	TNB Electronics Pte Ltd			
51	51F04500330		CAP 0402 SMT 33pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C332 C333 C336 C337		4	PCS	Walsin Technology Corp.	0402N330J500LT	TNB Electronics Pte Ltd			
52	51F04500390		CAP 0402 SMT 39pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C274 C289		2	PCS	Walsin Technology Corp.	0402N390J500LT	TNB Electronics Pte Ltd			
53	51F04500470		CAP 0402 SMT 47pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C40 C41 C42 C43 C218		5	PCS	Walsin Technology Corp.	0402N470J500LT	TNB Electronics Pte Ltd			
54	51F04500680		CAP 0402 SMT 68pF +/-5% 50V NPO Op. Temp= -55 deg. C to +125 deg. C	C247 C259 C271 C286		4	PCS	Walsin Technology Corp.	0402N680J500LT	TNB Electronics Pte Ltd			
55	51F04501000		CAP 0402 SMT 100pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C29 C36 C38 C55 C86 C148 C156 C177 C199 C233 C251 C252 C257 C258 C263 C264 C269 C270 C275 C290 C298		21	PCS	Walsin Technology Corp.	0402N101J500LT	TNB Electronics Pte Ltd			
56	51F04501208		CAP 0402 SMT 12pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C91		1	PCS	Walsin Technology Corp.	0402N120J500LT	TNB Electronics Pte Ltd			
57	51F04501800		CAP 0402 SMT 180pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C115 C200 C201 C202 C203		5	PCS	Walsin Technology Corp.	0402N181J500LT	TNB Electronics Pte Ltd			
58	51F04502200		CAP 0402 SMT 220pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C220		1	PCS	Walsin Technology Corp.	0402N221J500LT	TNB Electronics Pte Ltd			
59	51F04503300		CAP 0603 SMT 330pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C277 C292		2	PCS	Walsin Technology Corp.	0402N331J500LT	TNB Electronics Pte Ltd			
60	51F04504700		CAP 0402 SMT 470pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C276 C291		2	PCS	Walsin Technology Corp.	0402N471J500LT	TNB Electronics Pte Ltd			
61	51F05500180		CAP 0603 SMT 18pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C165 C193 C210 C213		4	PCS	Walsin Technology Corp.	0603N180J500LT	TNB Electronics Pte Ltd			

62	51F05500390		CAP 0603 SMT 39pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C92	1	PCS	Walsin Technology Corp.	0603N390J500LT	TNB Electronics Pte Ltd			
63	51F05501000		CAP 0603 SMT 100pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C105 C136 C151 C164 C170 C187 C191	7	PCS	Walsin Technology Corp.	0603N101J500LT	TNB Electronics Pte Ltd			
64	51F05501001		CAP 0603 SMT 1nF +/-5% 50V NPO Op. Temp= -55 deg. C to +125 deg. C	C79 C95 C97 C98 C112 C141 C143 C163 C171 C186 C190	11	PCS	Walsin Technology Corp.	0603N102J500LT	TNB Electronics Pte Ltd			
65	51F05502200		CAP 0603 SMT 220pF +/-5% 50V NPO Op. Temp= -55 deg.C +125 deg.C	C214	1	PCS	Walsin Technology Corp.	0603N221J500LT	TNB Electronics Pte Ltd			
66	51F05503308		CAP 0603 SMT 33pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C174	1	PCS	Walsin Technology Corp.	0603N330J500LT	TNB Electronics Pte Ltd			
67	51F05503900		CAP 0603 SMT 390pF +/-5% 50V NPO Op. Temp -55 deg.C to +125 deg.C	C106 C107	2	PCS	Walsin Technology Corp.	0603N391J500LT	TNB Electronics Pte Ltd			
68	51F05505608		CAP 0603 SMT 56pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C94	1	PCS	Walsin Technology Corp.	0603N560J500LT	TNB Electronics Pte Ltd			
69	51F54505609		CAP 0402 SMT 5.6pF +/-0.25pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C19 C66 C68 C73 C144 C155 C158 C159 C167 C181 C188 C196 C198 C240 C241 C246 C280 C285 C297 C300 C301	21	PCS	Walsin Technology Corp.	0402N5R6C500LT	TNB Electronics Pte Ltd			
70	51F54508209		CAP 0402 SMT 8.2pF +/-0.25pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C44 C45 C46 C47 C152	5	PCS	Walsin Technology Corp.	0402N8R2C500LT	TNB Electronics Pte Ltd			
71	51F55508209		CAP 0603 SMT 8.2pF +/-0.25pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C150	1	PCS	Walsin Technology Corp.	0603N8R2C500LT	TNB Electronics Pte Ltd			
72	51F74500820		CAP 0402 SMT 82pF +/-2% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C219	1	PCS	Walsin Technology Corp.	0402N820G500LT	TNB Electronics Pte Ltd			
73	51F94503909		CAP 0402 SMT 3.9pF +/-0.1pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C101	1	PCS	Walsin Technology Corp.	0402N3R9B500LT	TNB Electronics Pte Ltd			
74	51F94504709		CAP 0402 SMT 4.7pF +/-0.1pF 50V NPO Op.Temp= -55 deg.C to +125 deg.C	C311 C314	2	PCS	Walsin Technology Corp.	0402N4R7B500LT	TNB Electronics Pte Ltd			
75	51F95501009		CAP 0603 SMT 1pF +/-0.1pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C169 C234	2	PCS	Walsin Technology Corp.	0603N1R0B500LT	TNB Electronics Pte Ltd			
76	51F95501209		CAP 0603 SMT 1.2pF +/-0.1pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C160 C166	2	PCS	Walsin Technology Corp.	0603N1R2B500LT	TNB Electronics Pte Ltd			
77	51F95501809		CAP 0603 SMT 1.8pF +/-0.1pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C205	1	PCS	Walsin Technology Corp.	0603N1R8B500LT	TNB Electronics Pte Ltd			
78	51F95502209		CAP 0603 SMT 2.2pF +/-0.1pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C157 C195	2	PCS	Walsin Technology Corp.	0603N2R2B500LT	TNB Electronics Pte Ltd			
79	51F95502709		CAP 0603 SMT 2.7pF +/-0.1pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C168	1	PCS	Walsin Technology Corp.	0603N2R7B500LT	TNB Electronics Pte Ltd			

80	51F95503909		CAP 0603 SMT 3.9pF +/-0.1pF 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C192	1	PCS	Walsin Technology Corp.	0603N3R9B500LT	TNB Electronics Pte Ltd			
81	51M14164702		CAP 0402 SMT 47nF (0.047uF) +/-10% 16V X7R Op. Temp= -55 deg.C to +125 deg.C	C173	1	PCS	Walsin Technology Corp.	0402B473K160CT	TNB Electronics Pte Ltd			
82	51M14251002		CAP 0402 SMT 10nF (0.01uF) +/-10% 25V X7R Op. Temp= -55 deg.C to +125 deg.C	C35 C48 C52 C62 C63 C75 C78 C118 C123 C124 C128 C129 C130 C131 C133 C153 C231 C232 C279 C283 C294 C304 C323	23	PCS	Walsin Technology Corp.	0402B103K250CT	TNB Electronics Pte Ltd			
83	51M14252202		CAP 0402 SMT 22nF (0.022uF) +/-10% 25V X7R Op. Temp= -55 deg.C to +125 deg.C	C282 C284 C309 C324 C326 C329	6	PCS	Walsin Technology Corp.	0402B223K250CT	TNB Electronics Pte Ltd			
84	51M14501001		CAP 0402 SMT 1nF +/-10% 50V X7R Op. Temp= -55 deg.C to +125 deg.C	C4 C9 C13 C18 C21 C24 C30 C39 C51 C56 C59 C60 C61 C64 C65 C67 C69 C72 C87 C89 C90 C96 C99 C100 C116 C138 C154 C204 C211 C217 C225 C226 C227 C229 C230 C244 C272 C287 C295 C310 C315 C318 C319 C322 C330	45	PCS	Walsin Technology Corp.	0402B102K500CT	TNB Electronics Pte Ltd			
85	51M15161002		CAP 0603 SMT 10nF (0.01uF) +/-10% 16V X7R Op. Temp= -55 deg.C to +125 deg.C	C103 C108 C109 C114 C122	5	PCS	Walsin Technology Cop.	0603B103K160CT	TNB Electronics Pte Ltd			
86	51M15161003		CAP 0603 SMT 0.1uF +/-10% 16V X7R Op. Temp= -55 deg.C to +125 deg.C	C26 C37 C162 C172 C185 C189 C278 C293	8	PCS	Walsin Technology Corp.	0603B104K160CT	TNB Electronics Pte Ltd			
87	51N44161003		CAP 0402 SMT 0.1uF +80/-20% 16V Y5V, Op. Temp= -25 deg.C to +85 deg.C	C3 C10 C15 C22 C27 C28 C31 C54 C80 C83 C85 C102 C104 C110 C113 C117 C120 C121 C134 C135 C139 C140 C142 C147 C176 C178 C180 C239 C317 C321	30	PCS	Walsin Technology Corp.	0402F104Z160CT	TNB Electronics Pte Ltd			
88	51N45101004		CAP 0603 SMT 1uF -20+80% 10V Y5V Op. Temp= -25 deg.C to +85 deg.C	C17 C53 C84 C88 C93 C137 C149 C299 C303	9	PCS	Walsin Technology Corp.	0603F105Z100CT	TNB Electronics Pte Ltd			
89	51N46104704		CAP 0805 SMT 4.7uF -20+80% 10V Y5V Op. Temp= -25 deg.C to +85 deg.C	C273 C288	2	PCS	Walsin Technology Corp.	0805F475Z100CT	TNB Electronics Pte Ltd			
90	51N47161004		CAP 1206 SMT 1uF -20+80% 16V Y5V Op. Temp= -25 deg.C to +85 deg.C	C216 C255 C267	3	PCS	Walsin Technology Corp.	1206F105Z160CT	TNB Electronics Pte Ltd			
91	51N47162204		CAP 1206 SMT 2.2uF -20+80% 16V Y5V Op. Temp= -25 deg.C to +85 deg.C	C1 C7 C25 C161 C184 C281 C327	7	PCS	Walsin Technology Corp.	1206F225Z160CT	TNB Electronics Pte Ltd			
92	51U2A201005		CAP TANT SMT 10uF +/-20% 20V CASE C [TS Series] Op. Temp= -55 deg.C to +125 deg.C	C49	1	PCS	PARTSNIC Co., Ltd	TSM1D106CSSR	Nextway Pte Ltd	KEMET Corporation	T491C106K025AT	Westech Electronics Pte Ltd
93	51U2A251005		CAP TANT Low ESR SMT 10uF +/-20% 25V CASE C ESR=500 mOhm [TE Series] Op. Temp= -55 deg.C to +125 deg.C	C50	1	PCS	PARTSNIC Co., Ltd	TEM1E106CSSR	Nextway Pte Ltd	KEMET Corporation	T495C106M025AT E450	Westech Electronics Pte Ltd
94	51V2A204705		CAP TANT SMT 47uF +/-20% 20V CASE D [TS Series] Op. Temp= -55 deg.C to +125 deg.C	C182 C183	2	PCS	PARTSNIC Co., Ltd	TSM1D476DSSR	Nextway Pte Ltd	KEMET Corporation	T491D476K020AT	Westech Electronics Pte Ltd
95	51W2A104706		CAP TANT Low ESR SMT 470uF +/-20% 10V CASE E ESR=45 mOhm [TPS Series] Op. Temp= -55 deg.C to +125 deg.C	C77	1	PCS	AVX Corp. (Kyocera Group)	TPSE477M010R00 45	Avnet Asia (S) Pte Ltd	KEMET Corporation	T495X477M010AT E045	Westech Electronics Pte Ltd

96	55D47020161		DIODE RF PIN Low Distortion Attenuator Low Inductance Dual Cathode SMD 100V 1A HSMP4810 SOT-23 Op. Temp= -55 deg. C to +85 deg. C	D86		1	PCS	Avago Technologies Ltd	HSMP-4810-TR1G	Serial Microelectronics Pte Ltd			
97	55D47170160		DIODE RF PIN Low Distortion Attenuator Common Cathode SMD 100V 1A HSMP3814 SOT-323/SC-70 Op. Temp= -55 deg. C to +85 deg. C	D83 D84		2	PCS	Avago Technologies Ltd	HSMP-3814-TR1G	Serial Microelectronics Pte Ltd			
98	55F27020162		DIODE RF Schottky Barrier Series SMD 15V 1A HSMS2822 SOT-23 Op. Temp= -25 deg. C to +125 deg. C	D82		1	PCS	Avago Technologies Ltd	HSMS-2822-TR1G	Serial Microelectronics Pte Ltd			
99	56B03111542		DUPLEXER Ceramic SMT Rx=1542MHz Tx=1643.5MHz Bandwidth=34MHz 50 Ohm 10W 74.016x12.7x10.16mm DRD1542F1643 B34 L1.5 A60 Op. Temp= -40 deg.C to +85 deg.C	DPX1		1	PCS	RTx Technology Co., Ltd	DRD1542F1643 B34 L1.5 A60	RTx Technology Co., Ltd			
100	57B01154205		FILTER Low-Loss RF SAW for Mobile Communication ESD Ceramic SMD 1542MHz Usable Passband=34MHz Ps=5dBm B4112 DCC6 3.8x3.8x1.5mm Op. Temp= -25 deg.C to +85 deg.C	FL41 FL42		2	PCS	EPCOS AG	B39152-B4112-Z610	EPCOS Pte Ltd			
101	57B01246004		FILTER Low-Loss IF SAW ESD Ceramic SMD 246MHz Usable Passband=1MHz Ps=0dbm B3678 QCC8C 5x5x1.35mm Op. Temp= -25 deg.C to +85 deg.C	FL83		1	PCS	EPCOS AG	B39251-B3678-U310	EPCOS Pte Ltd			
102	57B01248604		FILTER Low-Loss IF SAW for GSM-EDGE Base Station ESD Ceramic SMD 248.6MHz Passband width=420kHz Ps=10dBm B3875 DCC18 19x6.5x1.6mm Op. Temp= -30 deg.C to +80 deg.C	FL82		1	PCS	EPCOS AG	B39251-B3875-U210	EPCOS Pte Ltd			
103	57B01433924		FILTER Low-Loss RF SAW for Remote Control Receiver ESD Ceramic SMD 433.92MHz Passband width=700kHz Ps=10dBm B3750 QCC8C 5x5x1.35mm Op. Temp= -45 deg.C to +120 deg.C	FL204		1	PCS	EPCOS AG	B39431-B3750-U310	EPCOS Pte Ltd			
104	57C01164355		FILTER Dielectric for MSAT Ceramic SMD 1643.5MHz Bandwidth=34MHz IL=3dB DFCH31G64HDJAA 14x10x3.8mm [DFCH Series]Op. Temp= -30 deg.C to +85 deg.C	FL201		1	PCS	Murata Manufacturing Co. Ltd	DFCH31G64HDJAA-RF1	Enzer Electronics Pte Ltd			
105	57D01108003		FILTER Ceramic SMD 10.8MHz Stop Bandwidth=10.8MHz +/-350kHz IL=6dB SFECF10M8RF0001-R0 3.45x3.1x1.4mm [SFECF10M8 Series] Op. Temp= -40 deg.C to +85 deg.C	FL81		1	PCS	Murata Manufacturing Co. Ltd	SFECF10M8RF0001-R0	Enzer Electronics Pte Ltd			
106	57F01135005		FILTER LC (LPF) Chip Multilayer 0805 SMD 1350MHz Bandwidth= 1350MHz +/-250MHz IL=0.92dB LFL211G35TC1A001 [LFL21_TC Series] Op. Temp= -40 deg.C to +85 deg.C	FL241 FL242		2	PCS	Murata Manufacturing Co. Ltd	LFL211G35TC1A001	Enzer Electronics Pte Ltd			
107	57H51164355		FILTER Microwave RF 2-Pole for Satphone Standard Ceramics SMD 1643.5MHz Passband=35MHz IL=1.4dB B69812-N1647-A535 5.3x5.3x3mm Op. Temp= -30 deg.C to +85 deg.C	FL140		1	PCS	EPCOS AG	B69812-N1647-A535	EPCOS Pte Ltd			
108	58A5500220A		IND Wire Wound 0603 SMT 22nH +/-5% DCR=0.19Ohm 700mA [CCFH0603C Series] Op. Temp= -40 deg.C to +125 deg.C	L210 L248 L250		3	PCS	Coils Electronics Co. Ltd	CCFH0603C22NJ	CEC Coils (S) Pte Ltd			
109	58A5500240A		IND Wire Wound 0603 SMT 24nH +/-5% DCR=0.19Ohm 700mA [CCFH0603C Series] Op. Temp= -40 deg.C to +125 deg.C	L249		1	PCS	Coils Electronics Co. Ltd	CCFH0603C24NJ	CEC Coils (S) Pte Ltd			
110	58A5500390A		IND Wire Wound 0603 SMT 39nH +/-5% DCR=0.25Ohm 600mA [CCFH0603C Series] Op. Temp= -40 deg.C to +125 deg.C	L215 L218		2	PCS	Coils Electronics Co. Ltd	CCFH0603C39NJ	CEC Coils (S) Pte Ltd			

111	58A5500430A	IND Wire Wound 0603 SMT 43nH +/-5% DCR=0.28Ohm 600mA [CCFH0603C Series] Op. Temp= -40 deg.C to +125 deg.C	L258 L259 L260	3	PCS	Coils Electronics Co. Ltd	CCFH0603C43NJ	CEC Coils (S) Pte Ltd			
112	58A5500750B	IND Wire Wound 0603 SMT 7.5nH +/-5% DCR=0.106Ohm 700mA [CCFH0603C Series] Op. Temp= -40 deg.C to +125 deg.C	L217	1	PCS	Coils Electronics Co. Ltd	CCFH0603C7N5J	CEC Coils (S) Pte Ltd			
113	58A56000010	IND Wire Wound 0805 SMT 1uH +/-5% DCR=6.9Ohm 92mA [CCFH0805C Series] Op. Temp= -40 deg.C to +125 deg.C	L93	1	PCS	Coils Electronics Co. Ltd	CCFH0805C1R0J	CEC Coils (S) Pte Ltd			
114	58A5600150A	IND Wire Wound 0805 SMT 15nH +/-5% DCR=0.170Ohm 600mA [0805CS Series] Op. Temp= -40 deg.C to +125 deg.C	L141 L142	2	PCS	Coilcraft Inc.	0805CS-150XJLC	Coilcraft Singapore Pte Ltd			
115	58A5600330A	IND Wire Wound 0805 SMT 33nH +/-5% DCR=0.270Ohm 500mA [0805CS Series] Op. Temp= -40 deg.C to +125 deg.C	L85	1	PCS	Coilcraft Inc.	0805CS-330XJLC	Coilcraft Singapore Pte Ltd			
116	58A56006809	IND Wire Wound 0805 SMT 680nH +/-5% DCR=5.5Ohm 190mA [CCFH0805C Series] Op. Temp= -40 deg.C to +125 deg.C	L92 L109	2	PCS	Coils Electronics Co. Ltd	CCFH0805CR68J	CEC Coils (S) Pte Ltd			
117	58A57001508	IND Wire Wound 1008 SMT 1.5uH +/-5% DCR=1.0Ohm 230mA [LLM2520 Series] Op. Temp= -40 deg.C to +85 deg.C	R127	1	PCS	Toko, Inc.	#FSLM2520-1R5J	JAS Components Singapore Pte Ltd			
118	58A57002208	IND Wire Wound 1008 SMT 2.2uH +/-5% DCR=1.3Ohm 210mA [LLM2520 Series] Op. Temp= -40 deg.C to +85 deg.C	FB80 FB81 L89	3	PCS	Toko Inc.	#FSLM2520-2R2J	JAS Components Singapore Pte Ltd			
119	58A57003308	IND Wire Wound 1008 SMT 3.3uH +/-5% DCR=1.6Ohm 190mA [LLM2520 Series] Op. Temp= -40 deg.C to +85 deg.C	L201 L202 L203 L204	4	PCS	Toko, Inc.	#FSLM2520-3R3J	JAS Components Singapore Pte Ltd			
120	58B9500180B	IND Chip Coil for High Frequency Monolithic 0603 SMT 1.8nH +/-0.3nH DCR=0.1Ohm 500mA [LQG18H Series] Op. Temp= -40 deg.C to +85 deg.C	L257 L267	2	PCS	Murata Manufacturing Co. Ltd	LQG18HN1N8S00D	Enzer Electronics Pte Ltd			
121	58B9500270B	IND Chip Coil for High Frequency Monolithic 0603 SMT 2.7nH +/-0.3nH DCR=0.15Ohm 500mA [LQG18H Series] Op. Temp= -40 deg.C to +85 deg.C	L212	1	PCS	Murata Manufacturing Co. Ltd	LQG18HN2N7S00D	Enzer Electronics Pte Ltd			
122	58C5300985B	IND Micro Spring Air Core SMT 9.85nH +/-5% DCR=13mOhm 1.6A 9 Turns [1606 Series] Op. Temp= -40 deg.C to +125 deg.C	L143	1	PCS	Coilcraft Inc.	1606-9JLC	Coilcraft Singapore Pte Ltd			
123	58D5500100A	IND RF Choke 0603 SMT 10nH +/-5% DCR=0.2Ohm 0.6A [B82496-C Series] Op. Temp= -55 deg.C to +125 deg.C	L41 L42	2	PCS	EPCOS AG	B82496-C3100-J	EPCOS Pte Ltd			
124	58D5500820B	IND RF Choke 0603 SMT 8.2nH +/-5% DCR=0.18Ohm 0.65A [B82496-C Series] Op. Temp= -55 deg.C to +125 deg.C	L54 L55	2	PCS	EPCOS AG	B82496-C3829-J	EPCOS Pte Ltd			
125	58G54000229	IND Multilayer 0402 Chip Ceramic SMT 22nH +/-5% DCR=0.70Ohm 300mA [LL1005-FHL Series] Op. Temp= 40 deg.C to +100 deg.C	R229	1	PCS	Toko, Inc.	LL1005-FHL22NJ	JAS Components Singapore Pte Ltd			
126	58G56001509	IND Multilayer 0805 Chip Ceramic SMT 150nH +/-5% DCR=1Ohm 250mA [LL2012-FHL Series] Op. Temp= -40 deg.C to +100 deg.C	L301	1	PCS	Toko Inc.	LL2012-FHLR15J	JAS Components Singapore Pte Ltd			

127	58G56001809		IND Multilayer 0805 Chip Ceramic SMT 180nH +/-5% DCR=10hm 250mA [LL2012-FHL Series] Op. temp= -40 deg.C to +100 deg.C	L82		1	PCS	Toko, Inc.	LL2012-FHLR18J	JAS Components Singapore Pte Ltd			
128	58K5600120A		IND Wire Wound High Q 0805 SMT 12nH +/-5% DCR=0.0450hm 1.6A [0805HQ Series] Op. Temp= -40 deg.C to +125 deg.C	L84		1	PCS	Coilcraft Inc.	0805HQ-12NXJLC	Coilcraft Singapore Pte Ltd			
129	58K5600160A		IND Wire Wound High Q 0805 SMT 16nH +/-5% DCR=0.060hm 1.5A [0805HQ Series] Op. Temp= -40 deg.C to +125 deg.C	L83		1	PCS	Coilcraft Inc.	0805HQ-16NXJLC	Coilcraft Singapore Pte Ltd			
130	59B01110000		IND BALUN Single Ended to Differential Connection SMT B4F 50Ohm #617DB-1714=P3 Op. Temp=-20 deg. C to +70 deg. C	T80		1	PCS	Toko, Inc.	#617DB-1714=P3	JAS Components Singapore Pte Ltd			
131	60A50002495		IC ANALOG Bipolar Dual Operational Amplifier SMT TA75W01FU SSOP-8 Op. Temp= -40 deg.C to +85 deg.C	U86 U94		2	PCS	Toshiba Semiconductor Co. (TOSHIBA Corp.)	TA75W01FU(TE12 L,F)	Avnet Asia (S) Pte Ltd			
132	60A80102606		IC ANALOG 2.4V 10uA Micro SMD Temperature Sensor +/-2.5 deg.C SMT LM20 SC-70 Op. Temp= -55 deg.C to +130 deg.C	U142		1	PCS	National Semiconductor	LM20BIM7/NOPB	Avnet Asia (S) Pte Ltd			
133	60AQ0002511		IC ANALOG 3V Silicon MMIC Wideband Amplifier for Mobile Communications 800-900MHz SMT uPC2746TB SuperMini-6 Op. Temp= -40 deg.C to +85 deg.C	U84 U85 U89 U91		4	PCS	NEC Compound Semiconductor Devices, Ltd	uPC2746TB-E3-A	Singapore Ryosan Pte Ltd			
134	60AQ0002512		IC ANALOG 5V Silicon MMIC Medium Output Power Amplifier SMT uPC2776TB SuperMini-6 Op. Temp= -40 deg.C to +85 deg.C	U93 U209		2	PCS	NEC Compound Semiconductor Devices, Ltd	uPC2776TB-E3-A	Singapore Ryosan Pte Ltd			
135	60AQ0002608		IC ANALOG Silicon MMIC 1st Frequency Down-Converter for Cellular_Cordless Telephone SMT uPC2758TB SuperMini-6 Op. Temp= -40 deg. C to +85 deg. C	U82		1	PCS	NEC Compound Semiconductor Devices, Ltd	uPC2758TB-E3-A	Singapore Ryosan Pte Ltd			
136	60B40002592		IC DIGITAL Dual 2-Input AND Gate SMT 74HC2G08DP TSSOP-8 Op. Temp= -40 deg.C to +125 deg.C	U1		1	PCS	Phillips Semiconductors	74HC2G08DP, 125	Teck International (Pte) Ltd			
137	60G90002489		IC Low Noise Regulated Switched Capacitor Voltage Inverter SMT LM2687 MSOP-8 Op. Temp= -40 deg.C to +85 deg.C	VR2		1		Natinal Semiconductor	LM2687MM/NOPB	Avnet Asia (S) Pte Ltd			
138	60H40002480		IC RF 250-1000MHz Quadrature Modulator AD8345 TSSOP-16(EP) Op. Temp= -40 deg.C to +85 deg.C	U202		1	PCS	Analog Devices Inc.	AD8345AREZ-RL7	Excelpoint Systems (Pte) Ltd			
139	60H40002490		IC RF Spur-Free 2.1GHz Dual Fractional-N Frequency Synthesizer SMT SKY72300 TSSOP-28 Op. Temp= -40 deg.C to +85 deg.C	U243 U244		2	PCS	Skyworks Solutions Inc.	SKY72300-21	E-SMART Distribution Pte Ltd			
140	60H40002610		IC RF IF Synthesizer with Integrated VCOs for Wireless Communications SMT Si4112 TSSOP-24 Op. Temp= -40 deg. C to +85 deg. C	U246 U247		2	PCS	Silicon Laboratories, Inc.	Si4112-D-GT	EDOM Technology (Singapore)			
141	60H60102595		IC RF 400MHz to 2.5GHz Upconverter Mixer SMT MAX2660 SOT-23-6 Op. Temp= -40 deg.C to +85 deg.C	U210		1	PCS	Maxim Integrated Products	MAX2660EUT+T	Tomen (S) Electronics Pte Ltd			
142	60H60102609		IC Precision 300MHz to 7GHz RF Detector with Gain & Offset Adjustment SMT LTC5532 TSOT-23-6 Op. Temp= -40 deg. C to +85 deg. C	U143		1	PCS	Linear Technology Corp.	LTC5532ES6#TRP BF	Westech Electronics Pte Ltd			
143	60HQ0002607		IC RF Mixer+Oscillator Silicon MMIC For Frequency Down Converter of L-Band Wireless Receiver SMT uPC2756TB SuperMini-6 Op. Temp= -40 deg. C to +85 deg. C	U88		1	PCS	NEC Compound Semiconductor Devices , Ltd	uPC2756TB-E3-A	Singapore Ryosan Pte Ltd			



144	60L60002481		IC 2.7 to 5.5V Low-Power Dual 10-Bit D-A Converter with Power Down SMT TLV5617A SOIC-8 Op. Temp= -40 deg.C to +85 deg.C	U2		1	PCS	Texas Instruments Inc.	TLV5617AIDR	Avnet Asia (S) Pte Ltd			
145	60P40002485		IC 8-Channel 500 kSPS 12-Bit A-D Converter SMT ADC78H90 TSSOP-16 Op. Temp= -40 deg.C to +85 deg.C	U3		1	PCS	National Semiconductor	ADC78H90CIMT/N OPB	Avnet Asia (S) Pte Ltd			
146	64CL1241923		RESONATOR Crystal Oscillator VC-TCXO SMD 24.192MHz FT=2.5ppm LC=10pF 3.3VDC 5x3.2x1.4mm [NT5032S Series] Op. Temp= -30 deg.C to +75 deg.C	X243		1	PCS	Nihon Dempa Kogyo Co., Ltd. (NDK)	ENC3047B	NDK Crystal Asia Pte Ltd			
147	64DL1120805		RESONATOR Oscillator VCO SMD 1208MHz 5V Load Imp=50 Ohm Tuning Sen=18MHz/V Icc=25mA 12.4x10x4mm [M-Type] Op. Temp= -30 deg.C to +85 deg.C	X242		1	PCS	Sangshin Elecom Co., Ltd	KSV-5M1208	Sangshin Elecom Co., Ltd			
148	64DL1129405		RESONATOR Oscillator VCO SMD 1294MHz 5V Load Imp=50 Ohm Tuning Sen=18MHz/V Icc=25mA 12.4x10x4mm [M-Type] Op. Temp= -30 deg.C to +85 deg.C	X241		1	PCS	Sangshin Elecom Co., Ltd	KSV-5M1294	Sangshin Elecom Co., Ltd			
149	65L13001002		RES Thick Film Chip 0402 SMT 10k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R153		1	PCS	Walsin Technology Corp.	WR04X1002FTL	TNB Electronics Pte Ltd			
150	65L13001003		RES Thick Film Chip 0402 SMT 100k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R110 R112 R123 R125		4	PCS	Walsin Technology Corp.	WR04X1003FTL	TNB Electronics Pte Ltd			
151	65L13001022		RES Thick Film Chip 0402 SMT 10.2k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R17		1	PCS	Walsin Technology Corp.	WR04X1022FTL	TNB Electronics Pte Ltd			
152	65L13003012		RES Thick Film Chip 0402 SMT 30.1k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R154		1	PCS	Walsin Technology Corp.	WR04X3012FTL	TNB Electronics Pte Ltd			
153	65L13004020		RES Thick Film Chip 0402 SMT 402 OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R101 R102		2	PCS	Walsin Technology Corp.	WR04X4020FTL	TNB Electronics Pte Ltd			
154	65L13005602		RES Thick Film Chip 0402 SMT 56k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R15		1	PCS	Walsin Technology Corp.	WR04X5602FTL	TNB Electronics Pte Ltd			
155	65L33000100		RES Thick Film Chip 0402 SMT 10 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R1 R11 R117 R144 R228 R230 R234 R244 R247 R248 R252 R253 R256 R257 R258 R262 R266 R271 R279		19	PCS	Walsin Technology Corp.	WR04X100JTL	TNB Electronics Pte Ltd			
156	65L33000160		RES Thick Film Chip 0402 SMT 16 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R160		1	PCS	Walsin Technology Corp.	WR04X160JTL	TNB Electronics Pte Ltd			
157	65L33000180		RES Thick Film Chip 0402 SMT 18 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R83 R84 R85 R241 R242 R243 R249 R250 R251		9	PCS	Walsin Technology Corp.	WR04X180JTL	TNB Electronics Pte Ltd			
158	65L33000200		RES Thick Film Chip 0402 SMT 20 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R206 R216		2	PCS	Walsin Technology Corp.	WR04X200JTL	TNB Electronics Pte Ltd			
159	65L33000300		RES Thick Film Chip 0402 SMT 30 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R269 R282		2	PCS	Walsin Technology Corp.	WR04X300JTL	TNB Electronics Pte Ltd			
160	65L33000360		RES Thick Film Chip 0402 SMT 36 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R90 R93 R159 R163		4	PCS	Walsin Technology Corp.	WR04X360JTL	TNB Electronics Pte Ltd			

161	65L33000390		RES Thick Film Chip 0402 SMT 39 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R218	1	PCS	Walsin Technology Corp.	WR04X390JTL	TNB Electronics Pte Ltd			
162	65L33000510		RES Thick Film Chip 0402 SMT 51 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R43 R44 R148 R162 R232	5	PCS	Walsin Technology Corp.	WR04X510JTL	TNB Electronics Pte Ltd			
163	65L33001000		RES Thick Film Chip 0402 SMT 100 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R202 R203 R210 R211 R236	5	PCS	Walsin Technology Corp.	WR04X101JTL	TNB Electronics Pte Ltd			
164	65L33001001		RES Thick Film Chip 0402 SMT 1k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R16 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R41 R115 R156 R157	15	PCS	Walsin Technology Corp.	WR04X102JTL	TNB Electronics Pte Ltd			
165	65L33001002		RES Thick Film Chip 0402 SMT 10k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R14 R39 R45 R46 R143 R145 R245 R246 R255 R259 R272 R305 R315	13	PCS	Walsin Technology Corp.	WR04X103JTL	TNB Electronics Pte Ltd			
166	65L33001003		RES Thick Film Chip 0402 SMT 100k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R13 R29 R33 R34 R265 R270 R278 R281 R283 R288	10	PCS	Walsin Technology Corp.	WR04X104JTL	TNB Electronics Pte Ltd			
167	65L33001004		RES Thick Film Chip 0402 SMT 1M OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R35 R290	2	PCS	Walsin Technology Corp.	WR04X105JTL	TNB Electronics Pte Ltd			
168	65L33001201		RES Thick Film Chip 0402 SMT 1.2k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R50 R149	2	PCS	Walsin Technology Corp.	WR04X122JTL	TNB Electronics Pte Ltd			
169	65L33001500		RES Thick Film Chip 0402 SMT 150 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	C221 R92 R95 R217	4	PCS	Walsin Technology Corp.	WR04X151JTL	TNB Electronics Pte Ltd			
170	65L33001502		RES Thick Film Chip 0402 SMT 15k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R293	1	PCS	Walsin Technology Corp.	WR04X153JTL	TNB Electronics Pte Ltd			
171	65L33001601		RES Thick Film Chip 0402 SMT 1.6k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R111	1	PCS	Walsin Technology Corp.	WR04X162JTL	TNB Electronics Pte Ltd			
172	65L33002000		RES Thick Film Chip 0402 SMT 200 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R207 R214	2	PCS	Walsin Technology Corp.	WR04X201JTL	TNB Electronics Pte Ltd			
173	65L33002001		RES Thick Film Chip 0402 SMT 2k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R114 R261 R263 R274 R275	5	PCS	Walsin Technology Corp.	WR04X202JTL	TNB Electronics Pte Ltd			
174	65L33002201		RES Thick Film Chip 0402 SMT 2.2k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R4 R9 R103 R107	4	PCS	Walsin Technology Corp.	WR04X222JTL	TNB Electronics Pte Ltd			
175	65L33002203		RES Thick Film Chip 0402 SMT 220k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R3	1	PCS	Walsin Technology Corp.	WR04X224JTL	TNB Electronics Pte Ltd			
176	65L33002400		RES Thick Film Chip 0402 SMT 240 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R42	1	PCS	Walsin Technology Corp.	WR04X241JTL	TNB Electronics Pte Ltd			
177	65L33002401		RES Thick Film Chip 0402 SMT 2.4k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R60	1	PCS	Walsin Technology Corp.	WR04X242JTL	TNB Electronics Pte Ltd			
178	65L33002402		RES Thick Film Chip 0402 SMT 24k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R113	1	PCS	Walsin Technology Corp.	WR04X243JTL	TNB Electronics Pte Ltd			
179	65L33002700		RES Thick Film Chip 0402 SMT 270 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R104	1	PCS	Walsin Technology Corp.	WR04X271JTL	TNB Electronics Pte Ltd			

180	65L33003000		RES Thick Film Chip 0402 SMT 300 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R116 R118	2	PCS	Walsin Technology Corp.	WR04X301JTL	TNB Electronics Pte Ltd			
181	65L33003300		RES Thick Film Chip 0402 SMT 330 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R30 R31 R32	3	PCS	Walsin Technology Corp.	WR04X331JTL	TNB Electronics Pte Ltd			
182	65L33003600		RES Thick Film Chip 0402 SMT 360 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R147	1	PCS	Walsin Technology Corp.	WR04X361JTL	TNB Electronics Pte Ltd			
183	65L33003602		RES Thick Film Chip 0402 SMT 36k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R141	1	PCS	Walsin Technology Corp.	WR04X363JTL	TNB Electronics Pte Ltd			
184	65L33004702		RES Thick Film Chip 0402 SMT 47k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R284 R324	2	PCS	Walsin Technology Corp.	WR04X473JTL	TNB Electronics Pte Ltd			
185	65L33005601		RES Thick Film Chip 0402 SMT 5.6k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R142	1	PCS	Walsin Technology Corp.	WR04X562JTL	TNB Electronics Pte Ltd			
186	65L33005602		RES Thick Film Chip 0402 SMT 56k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R91	1	PCS	Walsin Technology Corp.	WR04X563JTL	TNB Electronics Pte Ltd			
187	65L33007500		RES Thick Film Chip 0402 SMT 750 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R277 R285	2	PCS	Walsin Technology Corp.	WR04X751JTL	TNB Electronics Pte Ltd			
188	65L33008201		RES Thick Film Chip 0402 SMT 8.2k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R28 R260 R287	3	PCS	Walsin Technology Corp.	WR04X822JTL	TNB Electronics Pte Ltd			
189	65L33008202		RES Thick Film Chip 0402 SMT 82k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R87	1	PCS	Walsin Technology Corp.	WR04X823JTL	TNB Electronics Pte Ltd			
190	65L33008207		RES Thick Film Chip 0402 SMT 82 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R155	1	PCS	Walsin Technology Corp.	WR04X820JTL	TNB Electronics Pte Ltd			
191	65L33009100		RES Thick Film Chip 0402 SMT 910 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R61	1	PCS	Walsin Technology Corp.	WR04X911JTL	TNB Electronics Pte Ltd			
192	65L33009102		RES Thick Film Chip 0402 SMT 91k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R2	1	PCS	Walsin Technology Corp.	WR04X913JTL	TNB Electronics Pte Ltd			
193	65L33009107		RES Thick Film Chip 0402 SMT 91 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R151 R158	2	PCS	Walsin Technology Corp.	WR04X910JTL	TNB Electronics Pte Ltd			
194	65L34010100		RES Thick Film Chip 0603 SMT 10 OHM +/-5% 1/10W Op. Temp= -55 deg.C to +155 deg.C	L95 R47 R62 R89 R99 R105 R106 R108 R280 R286 R316	11	PCS	Walsin Technology Corp.	WR06X100JTL	TNB Electronics Pte Ltd			
195	65L34010220		RES Thick Film Chip 0603 SMT 22 OHM +/-5% 1/10W Op. Temp= -55 deg.C to +155 deg.C	R146 R161	2	PCS	Walsin Technology Corp.	WR06X220JTL	TNB Electronics Pte Ltd			
196	65L34010330		RES Thick Film Chip 0603 SMT 33 OHM +/-5% 1/10W Op. Temp= -55 deg.C to +155 deg.C	R150	1	PCS	Walsin Technology Corp.	WR06X330JTL	TNB Electronics Pte Ltd			
197	65L34010560		RES Thick Film Chip 0603 SMT 56 OHM +/-5% 1/10W Op. Temp= -55 deg.C to +155 deg.C	L86	1	PCS	Walsin Technology Corp.	WR06X560JTL	TNB Electronics Pte Ltd			
198	65L34010680		RES Thick Film Chip 0603 SMT 68 OHM +/-5% 1/10W Op. Temp= -55 deg.C to +155 deg.C	R52	1	PCS	Walsin Technology Corp.	WR06X680JTL	TNB Electronics Pte Ltd			

199	65L34013000		RES Thick Film Chip 0603 SMT 300 OHM +/-5% 1/10W Op. Temp= -55 deg.C to +155 deg.C	R128	1	PCS	Walsin Technology Corp.	WR06X301JTL	TNB Electronics Pte Ltd			
200	65L73000000		RES Thick Film Chip 0402 SMT 0 OHM 1/16W Op. Temp= -55 deg.C to +155 deg.C	R12 R40 R48 R49 R51 R53 R58 R59 R63 R64 R65 R86 R88 R94 R96 R122 R124 R152 R200 R205 R208 R213 R233 R264 R268 R276	26	PCS	Walsin Technology Corp.	WR04X000PTL	TNB Electronics Pte Ltd			
201	65L74010000		RES Thick Film Chip 0603 SMT 0 OHM 1/10W Op. Temp= -55 deg.C to +155 deg.C	L81 L96 L219 R98 R273 R291	6	PCS	Walsin Technology Corp.	WR06X000PTL	TNB Electronics Pte Ltd			
202	66C70112201		RES Trimmer Potentiometer Chip SMT 2.2k Ohm +/-25% 0.05W 2x2.7x1.45mm [MVR22 Series] Op. Temp= -55 deg.C to +125 deg.C	RV81 RV140 RV141 RV142 RV240	5	PCS	ROHM Co. Ltd.	MVR22HXBRN222	Exer Technologies (S) Pte Ltd			
203	67B00110005		FERRITE BEAD Signal Line Low Speed 0603 SMT 1k Ohm DCR=0.7Ohm 200mA [HB Series] Op. Temp= -55 deg.C to +125 deg.C	L110 L111 L112	3	PCS	Ceratech Corp. (CTC)	HB-1T1608-102JT	Le Champ (S.E.A.) Pte Ltd			
204	67B00110033		FERRITE BEAD Signal Line Low Speed 0603 SMT 1k Ohm DCR=0.6Ohm 150mA [HB Series] Op. Temp= -55 deg.C to +125 deg.C	FB5 FB241 FB243 FB244 FB245 FB246 FB247 FB 248 FB249 FB250 FB251 FB253 FB254 FB255 FB256 FB257 FB258 L50	18	PCS	Ceratech Corp. (CTC)	HB-1M1608-102JT	Le Champ (S.E.A.) Pte Ltd			
205	67C00110009		FERRITE BEAD Signal Line High Impedance 0805 SMT 600 Ohm DCR=0.25Ohm 300mA [HB Series] Op. Temp= -55 deg.C to +125 deg.C	FB1 FB2 FB7	3	PCS	Ceratech Corp. (CTC)	HB-1M2012-601JT	Le Champ (S.E.A.) Pte Ltd			
206	69A14160190		TRANS BJT PNP General Purpose SMT -30V 100mA BC858W SOT-323 Op. Temp= -65 deg.C to +150 deg.C	Q6	1	PCS	Phillips Semiconductors	BC858W, 115	Teck International (Pte) Ltd			
207	69A1B090135		TRANS BJT NPN Silicon General Purpose SMT 40VDC 200mA MMBT3904TT1 SOT-416/SC-75 Op. Temp= -55 deg.C to +150 deg.C	Q3	1	PCS	ON Semiconductor	MMBT3904TT1G	Avnet Asia (S) Pte Ltd			
208	69B17140171		TRANS 0.4W L-Band Power N-Channel GaAs HJ-FET SMT 8V 1A NE651R479A 79A Op. Temp= -20 deg.C to +125 deg.C	Q142	1	PCS	NEC Compound Semiconductor Devices, Ltd	NE651R479A-T1-A	Singapore Ryosan Pte Ltd			
209	69D1G050195		TRANS Low Noise Enhancement Mode PHEMT GaAs Field Effect SMT 3V 60mA ATF-54143 SOT-343/SC-70-4 Op. Temp= -40 deg. C to +85 deg. C	Q41 Q42 Q141	3	PCS	Avago Technologies Ltd	ATF-54143-TR1G	Serial Microelectronics Pte Ltd			
210	69F1F150189		TRANS FET N-Channel L&S Band Power SMT -15V 5A MGF0909A GF-7 Op. Temp= -30 deg.C to +70 deg.C	Q143	1	PCS	Mitsubishi Electric Corp.	MGF0909A-26	Tachibana Sales (S) Pte Ltd			
211	70E00000022		TRANSFORMER RF Wideband Ratio=16Ohm CD542 Freq=1.5-160MHz 0.25W 30mA ADT16-1T Op. Temp= -20 deg.C to +85 deg.C	L144	1	PCS	Mini-Circuits	ADT16-1T+	Precision Technologies Pte Ltd			
212	85115020083		VOLTAGE REGULATOR LDO Positive SMT Vin=1.8-14.5V Vout=3.3V 300mA TK11233CM-G SOT-23L-6 Op. Temp= -40 deg. C to +85 deg. C	U53 VR1 VR241	3	PCS	Toko, Inc.	TK11233CMIL-G	JAS Components Singapore Pte Ltd			
213	85115070082		VOLTAGE REGULATOR LDO Positive SMT Vin=1.8-14.5V Vout=3V 300mA TK11230CM-G SOT-23L-6 Op. Temp= -40 deg. C to +85 deg. C	VR3	1	PCS	Toko, Inc.	TK11230CMIL-G	JAS Components Singapore Pte Ltd			
214	8511D020077		VOLTAGE REGULATOR LDO Low-Noise Fixed Output Voltage SMT Vout=3.3V 500mA RT9167A SOT-23-5/SOT-25 Op Temp= -20 deg.C to +85 deg.C	VR5 VR242	2	PCS	RichTek Technology Corp.	RT9167A-33PB	E-SMART Distribution Pte Ltd			

215	8511D030078		VOLTAGE REGULATOR High Current & Speed LDO SMT Vout=5V 700mA XC6210A SOT-23-5/SOT-25 Op. Temp= -40 deg. C to +85 deg. C	VR9		1	PCS	Torex Semiconductor Ltd	XC6210A502MR	Tech Quay (S) Pte Ltd			
216	8511G030081		VOLTAGE REGULATOR High Ripple Rejection & LDO High Output Current CMOS Positive ON/OFF SMT Vout=5V 800mA S-1170 SOT-89-5 Op. Temp= -40 deg. C to +85 deg. C	VR8		1	PCS	Seiko Instruments Inc. (SII)	S-1170B50UC-OIJ-TF-G	Achieva Components Pte Ltd			
217	8511G030085		VOLTAGE REGULATOR High Current & Speed LDO SMT Vout=5V 700mA XC6210A SOT-89-5 Op. Temp= -40 deg. C to +85 deg. C	VR6		1	PCS	Torex Semiconductor Ltd	XC6210A502PR	TechQuay (S) Pte Ltd			
218	8511H080075		VOLTAGE REGULATOR High-Current Low-Dropout (LDO) SMT VOUT=Adjustable 1.5A MIC29152 TO-263-5 Op. Temp= -40 deg.C to +125 deg.C	VR7		1	PCS	Micrel, Inc.	MIC29152WU TR	JAG Componenrts Pte Ltd			
219	DNA		DNA RES Thick Film Chip 0402 SMT 51Ohm +/-5% 1/16W Op.Temp.= -55deg.Cto+155deg.C	R100		1	PCS	NA	NA	NA			
220	DNA		DNA CAP 0402 SMT	C12 C14 C57 C58 C70 C71 C76 C81 C82 C119 C125 C126 C127 C132 C146 C179 C215 C242 C245 C248 C260 C335		22	PCS	NA	NA	NA			
221	DNA		DNA CAP 0603 SMT	C34 C194 C197 FB252		4	PCS	NA	NA	NA			
222	DNA		DNA CAP TANT SMT CASE A	C305		1	PCS	NA	NA	NA			
223	DNA		DNA RES 0402 SMT	R81 R97 R100		3	PCS	NA	NA	NA			
224	DNA		DNA RES 0603 SMT	R10 R36 R37 R38		4	PCS	NA	NA	NA			
225	20F352M0112	112	<b>Assembly BaseBand Board PCBA, Lotus</b>			1	SET	NA	NA	NA			
226	30G30091110		BaseBand Board PCB, FR4, Immersion Silver, 10L, 1.6T, 197.9mmx115mm			1	PCS	Techwise Circuit	-	Techwise Circuit			
227	40120020344		CONNECTOR Wire-to-Board R/A Wafer 2 Pins P=2.54mm Stack H=5.9mm Tin Plated White Insulator (1x2)[M25-206XX46 Series] Op. Temp= -25 deg.C to +85 deg.C	CON900		1	PCS	Harwin Inc.	M25-2060246	Garner Pte Ltd			
228	40120030345		CONNECTOR Wire-to-Board Straight Wafer 3 Pins P=2.54mm Stack H=5.9mm Tin Plated White Insulator (1x3) [M25-205XX46 Series] Op. Temp= -25 deg.C to +85 deg.C	HDR401		1	PCS	Harwin Inc.	M25-2050346	Garner Pte Ltd			
229	40H10060251		CONNECTOR SIL Vertical Pin Header 6 Pins P=2.54mm Stack H=5.8mm 100% Tin Finish(1x6)[M20-977XXXX series]Op. Temp= -40deg.C to +105deg.C	CON502 CON503		2	PCS	Harwin Inc.	M20-9770646	Garner Pte Ltd			
230	40H10060252		CONNECTOR Dual Row Stack Header 6 Pins P=2mm Stack H=5.5mm Gold Flash Plating(2 x 3)[M22-024055043FXX05 Series] Op. Temp= -55 deg.C to +105 deg.C	CON802		1	PCS	Harwin Inc.	M22-024055043F0345	Garner Pte Ltd			
231	40H10080311		CONNECTOR Dual Row Stack Header 8 Pins P=2mm Stack H=5.5mm Gold Flash Plating (2x4)[M22-024055043FXX05 Series] Op. Temp= -55 deg.C to +105 deg.C	CON803		1	PCS	Harwin Inc.	M22-024055043F0445	Garner Pte Ltd			
232	40H10260254		CONNECTOR Dual Row Stack Header 26 Pins P=2mm Stack H=5.5mm Gold Flash Plating (2x13)[M22-024055043FXX05 Series] Op. Temp= -55 deg.C to +105 deg.C	CON801		1	PCS	Harwin Inc.	M22-024055043F1345	Garner Pte Ltd			
233	40H61110313		CONNECTOR RJ45 with Ethernet 1x1 Tab Down with Transformer & Green_Yellow LED DIP Top Entry 11 Pins 1.5A 125VAC All Spring 10u" Min. Gold M703-7808845 Op. Temp= -40 deg.C to +85 deg.C	CON800		1	PCS	Harwin Inc.	M703-7808845	Garner Pte Ltd			

234	40J32060142		CONNECTOR Line Jack Telephone Low Profile Side Entry 6 Pins 4 Contacts 1.5A 125VAC RJ11 Gold Plating [M703-3406X45 Series] Op. Temp= -40 deg.C to +85 deg.C	CON510		1	PCS	Harwin Inc.	M703-3406445	Garner Pte Ltd			
235	40K22030266		CONNECTOR DC Jack with BoardLock Leads Thru-Hole Side Entry 3 Pins D=2mm [M705-5X0046 Series] Op. Temp= -25 deg.C to +85 deg.C	J401		1	PCS	Harwin Inc.	M705-520046	Garner Pte Ltd			
236	40S12050351		CONNECTOR Single Row Right-Angle Variant Header Male 5 Pins P=2.54mm H=6mm [M20-XXXXXXXXHHXXXX Series] Op. Temp= -40 deg.C to +105 deg.C	CON506		1	PCS	Harwin Inc.	M20-030060060HH0545	Garner Pte Ltd			
237	40Y71100346		CONNECTOR FPC Horizontal Top Contact SMT 10 Pins P=1mm H=3mm 0.25u" 100% Tin Finish [F10-290XX06R Series] Op. Temp= -20 deg. C to +85 deg. C	CON501		1	PCS	Harwin Inc.	F10-2901046R	Garner Pte Ltd			
238	46C00731034		MODULE GPS Receiver TIM-4A Op. Temp= -40 deg.C +85 deg.C	M501		1	PCS	U-Blox	TIM-4A-0-000-1	AIT International Pte Ltd			
239	5132A061006		CAP Aluminium Organic (AO) SMT 100uF +/-20% 6V CASE D ESR= 15 mOhm [A700 Series] Op. Temp= -55 deg.C to +125 deg.C	C478		1	PCS	Kemet Electronics Corp.	A700D107M006AT E015	Westech Electronics Pte Ltd			
240	5132A068205		CAP Aluminium Organic (AO) SMT 82uF +/-20% 6V CASE V ESR= 18 mOhm [A700 Series] Op. Temp= -55 deg.C to +125 deg.C	C481		1	PCS	Kemet Electronics Corp.	A700V826M006AT E018	Westech Electronics Pte Ltd			
241	5132A106805		CAP Aluminium Organic (AO) SMT 68uF +/-20% 10V CASE D ESR= 15 mOhm [A700 Series] Op. Temp= -55 deg.C to +125 deg.C	C469		1	PCS	Kemet Electronics Corp.	A700D686M010AT E015	Westech Electronics Pte Ltd			
242	51C2A161004		CAP TANT SMT 1uF +/-20% 16V CASE A Op. Temp= -55 deg.C to +125 deg.C	C411 C417 C421 C422 C424 C426 C428 C430 C432 C434 C436 C437 C441 C486 C489 C490 C491 C542 C544 C545 C546 C547 C549 C550 C583 C603 C1044		27	PCS	PARTSNIC Co., Ltd	TSM1C105ASSR	Nextway Pte. Ltd.	KEMET Corporation	T491A105K020AT	Westech Electronics Pte Ltd
243	51C2A161005		CAP TANT SMT 10uF +/-20% 16V CASE A Op. Temp= -55 deg.C to +125 deg.C	C444 C445 C548 C552 C553 C554 C555 C591 C594 C623 C626 C648 C710 C813 C814 C863 C920 C921 C938 C939 C940 C1008 C1009 C1010 C1070 C1071 C1088 C1089 C1090 C1158 C1159 C1160 C1406 C1504		34	PCS	PARTSNIC Co., Ltd.	TLM1C106ASSR	Nextway Pte. Ltd.	KEMET Corporation	T491A106M016AT	Westech Electronics Pte Ltd
244	51C2A164704		CAP TANT SMT 4.7uF +/-20% 16V CASE A Op. Temp= -55 deg.C to +125 deg.C	C465 C624 C865 C866 C879		5	PCS	PARTSNIC Co., Ltd	TSM1C475ASSR	Nextway Pte. Ltd.	KEMET Corporation	T491A475M016AT	Westech Electronics Pte Ltd
245	51F04500100		CAP 0402 SMT 10pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C537 C538 C539 C540 C585 C586 C587 C605 C606 C607 C608 C609 C610 C611 C612 C613 C614 C615 C655 C665 C887 C1047		22	PCS	Walsin Technology Corp.	0402N100J500LT	TNB Electronics Pte Ltd			

246	51F04500220		CAP 0402 SMT 22pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C599 C600 C616 C671 C672 C673 C674 C675 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 C703 C704 C705 C826 C827 C828 C829 C830 C831 C864 C944 C1011 C1012 C1013 C1014 C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034 C1048 C1049 C1191 C1192 C1507 C1508	76	PCS	Walsin Technology Corp.	0402N220J500LT	TNB Electronics Pte Ltd			
247	51F04500560		CAP 0402 SMT 56pF +/-5% 50V NPO Op. Temp= -55 deg. C to +125 deg. C	C1046	1	PCS	Walsin Technology Corp.	0402N560J500LT	TNB Electronics Pte Ltd			
248	51F04500680		CAP 0402 SMT 68pF +/-5% 50V NPO Op. Temp= -55 deg. C to +125 deg. C	C573 C576 C577 C579 C597 C618 C620 C664 C820 C822 C1188 C1189	12	PCS	Walsin Technology Corp.	0402N680J500LT	TNB Electronics Pte Ltd			
249	51F04501000		CAP 0402 SMT 100pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C649 C825 C846 C847 C857 C1700	6	PCS	Walsin Technology Corp.	0402N101J500LT	TNB Electronics Pte Ltd			
250	51F04501500		CAP 0402 SMT 150pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C657	1	PCS	Walsin Technology Corp.	0402N151J500LT	TNB Electronics Pte Ltd			
251	51F04503300		CAP 0603 SMT 330pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C658 C867 C868 C869 C870	5	PCS	Walsin Technology Corp.	0402N331J500LT	TNB Electronics Pte Ltd			
252	51F05500300		CAP 0603 SMT 30pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C815 C816	2	PCS	Walsin Technology Corp.	0603N300J500LT	TNB Electronics Pte Ltd			
253	51F05501000		CAP 0603 SMT 100pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C456 C460	2	PCS	Walsin Technology Corp.	0603N101J500LT	TNB Electronics Pte Ltd			
254	51F05501001		CAP 0603 SMT 1nF +/-5% 50V NPO Op. Temp= -55 deg. C to +125 deg. C	C451 C458 C462	3	PCS	Walsin Technology Corp.	0603N102J500LT	TNB Electronics Pte Ltd			
255	51F05502200		CAP 0603 SMT 220pF +/-5% 50V NPO Op. Temp= -55 deg.C +125 deg.C	C476 C483	2	PCS	Walsin Technology Corp.	0603N221J500LT	TNB Electronics Pte Ltd			
256	51M14164702		CAP 0402 SMT 47nF (0.047uF) +/-10% 16V X7R Op. Temp= -55 deg.C to +125 deg.C	C647 C661 C899 C1037	4	PCS	Walsin Technology Corp.	0402B473K160CT	TNB Electronics Pte Ltd			
257	51M14251002		CAP 0402 SMT 10nF (0.01uF) +/-10% 25V X7R Op. Temp= -55 deg.C to +125 deg.C	C419 C423 C429 C435 C487 C801 C802 C803 C804 C805 C806 C807 C808 C809 C810 C812 C1209	17	PCS	Walsin Technology Corp.	0402B103K250CT	TNB Electronics Pte Ltd			
258	51M14252202		CAP 0402 SMT 22nF (0.022uF) +/-10% 25V X7R Op. Temp= -55 deg.C to +125 deg.C	C707	1	PCS	Walsin Technology Corp.	0402B223K250CT	TNB Electronics Pte Ltd			
259	51M14252701		CAP 0402 SMT 2700pF +/-10% 25V X7R Op. Temp= -55 deg.C to +125 deg.C	C645	1	PCS	Walsin Technology Corp.	0402B272K250CT	TNB Electronics Pte Ltd			

260	51M14501001		CAP 0402 SMT 1nF +/-10% 50V X7R Op. Temp= -55 deg.C to +125 deg.C	C1042		1 PCS	Walsin Technology Corp.	0402B102K500CT	TNB Electronics Pte Ltd				
261	51M14501201		CAP 0402 SMT 1.2nF +/-10% 50V X7R Op. Temp= -55 deg.C to +125 deg.C	C637		1 PCS	Walsin Technology Corp.	0402B122K500CT	TNB Electronics Pte Ltd				
262	51M15161203		CAP 0603 SMT 0.12uF +/-10% 16V X7R Op. Temp= -55 deg. C to +125 deg. C	C414		1 PCS	Walsin Technology Corp.	0603B124K160CT	TNB Electronics Pte Ltd				
263	51M15503301		CAP 0603 SMT 3.3nF +/-10% 50V X7R Op. Temp= -55 deg.C to +125 deg.C	C459		1 PCS	Walsin Technology Corp.	0603B332K500CT	TNB Electronics Pte Ltd				
264	51M15504701		CAP 0603 SMT 4.7nF +/-10% 50V X7R Op. Temp= -55 deg. C to +125 deg. C	C412		1 PCS	Walsin Technology Corp.	0603B472K500CT	TNB Electronics Pte Ltd				
265	51M16161004		CAP 0805 SMT 1uF +/-10% 16V X7R Op. Temp= -55 deg. C to +125 deg. C	C413 C416 C466 C475 C479 C482 C498 C499 C525 C559 C627 C666 C708 C711 C823 C824 C833 C834 C1039 C1307 C1403 C1502 C1503 C1600 C1701 C1702 C1703 C1800 C1801		29 PCS	Walsin Technology Corp.	0805B105K160CT	TNB Electronics Pte Ltd				
266	51M16164703		CAP 0805 SMT 0.47uF +/-10% 16V X7R Op. Temp= -55 deg.C to +125 deg.C	C415 C631 C632 C633 C634 C641		6 PCS	Walsin Technology Corp.	0805B474K160CT	TNB Electronics Pte Ltd				
267	51M16501003		CAP 0805 SMT 0.1uF +/-10% 50V X7R Op. Temp= -55 deg.C +125 deg.C	C401 C403 C439 C446 C448 C449 C450 C473 C492 C494 C495 C496 C497 C513 C653		15 PCS	Walsin Technology Corp.	0805B104K500CT	TNB Electronics Pte Ltd				
268	51M17511003		CAP 1206 SMT 0.1uF +/-10% 100V X7R Op. Temp= -55 deg.C to +125 deg.C	C652 C660		2 PCS	Walsin Technology Corp.	1206B104K101CT	TNB Electronics Pte Ltd				
269	51N44102203		CAP 0402 SMT 220nF (0.22uF) +80/-20% 10V Y5V Op. Temp= -25 deg.C to +85 deg.C	C589 C590 C593 C625 C1038		5 pcs	Walsin Technology Corp.	0402F224Z100CT	TNB Electronics Pte Ltd				
270	51N44161003		CAP 0402 SMT 0.1uF +80/-20% 16V Y5V, Op. Temp= -25 deg.C to +85 deg.C	C404 C405 C438 C440 C442 C443 C453 C454 C455 C463 C464 C467 C468 C493 C500 C504-C512 C514-C524 C526-C536 C556 C557 C558 C560 C561 C567-C572 C574 C580 C584 C588 C592 C595 C596 C598 C602 C604 C617 C619 C621 C622 C638 C639 C640 C642 C643 C644 C646 C663 C712-C721 C723 C724 C817 C821 C840-C845 C871 C872 C873 C876 C877 C878 C900-C919 C922-C937 C941 C945-C1007 C1035 C1036 C1040 C1045 C1050-C1069 C1072-C1087 C1091 C1095-C1157 C1186 C1187 C1200-C1208 C1210 C1211 C1305 C1306 C1312 C1400 C1401 C1402 C1405 C1501 C1505 C1506 C1601 C1704 C1802 C1820 C1821		337 PCS	Walsin Technology Corp.	0402F104Z160CT	TNB Electronics Pte Ltd				



271	51N46104704		CAP 0805 SMT 4.7uF -20+80% 10V Y5V Op. Temp= -25 deg.C to +85 deg.C	C470 C629	2	PCS	Walsin Technology Corp.	0805F475Z100CT	TNB Electronics Pte Ltd			
272	51N48161005		CAP 1210 SMT 10uF -20+80% 16V Y5V Op. Temp= -25 deg.C to +85 deg.C	C477 C480 C722 C725	4	PCS	Walsin Technology Corp.	1210F106Z160CT	TNB Electronics Pte Ltd			
273	51N4C251005		CAP 1812 SMT 10uF -20+80% 25V Y5V Op. Temp= -25 deg.C to +85 deg.C	C408 C409	2	PCS	Walsin Technology Corp.	1812F106Z250CT	TNB Electronics Pte Ltd			
274	51N4C504704		CAP 1812 SMT 4.7uF -20+80% 50V Y5V Op. Temp= -25 deg.C to +85 deg.C	C635 C636	2	PCS	Walsin Technology Corp.	1812F475Z500CT	TNB Electronics Pte Ltd			
275	51N4C511004		CAP 1812 SMT 1uF -20+80% 100V Y5V Op. Temp= -25 deg.C to +85 deg.C	C654	1	PCS	Walsin Technology Corp.	1812F105Z101CT	TNB Electronics Pte Ltd			
276	51T2A102205		CAP TANT SMT 22uF +/-20% 10V CASE B [TS Series] Op. Temp= -55 deg.C to +125 deg.C	C501 C502 C503 C541 C543 C551 C630 C1404	8	PCS	PARTSNIC Co., Ltd	TSM1A226TSSR	Nextway Pte. Ltd.	KEMET Corporation	T491B226K010AT	Westech Electronics Pte Ltd
277	51V1A353305		CAP TANT Low ESR SMT 33uF +/-20% 35V CASE D Op. Temp= -55 deg.C to +125 deg.C	C406 C670	2	PCS	AVX Corporation (Kyocera Group)	TPSD336K035R0200	Avnet Asia (S) Pte Ltd	KEMET Corporation	B45035D3369K207	Westech Electronics Pte Ltd
278	51V2A161006		CAP TANT Low ESR SMT 100uF +/-20% 16V CASE D ESR=60mOhm [TPS Series] Op. Temp= -55 deg.C to +125 deg.C	C474	1	PCS	AVX Corporation (Kyocera Group)	TPSD107M016R0060	Avnet Asia (S) Pte Ltd	KEMET Corporation	B45016D1079M606	Westech Electronics Pte Ltd
279	51V2A351005		CAP TANT SMT 10uF +/-20% 35V CASE D [TS Series] Op. Temp= -55 deg. C to +125 deg. C	C402 C407	2	PCS	PARTSNIC Co., Ltd.	TSM1V106DSSR	Nextway Pte. Ltd	KEMET Corporation	T491D106M035AT	Westech Electronics Pte Ltd
280	51Z2A164706		CAP ELECT Chip Type Wide Temp. Range SMT 470uF +/-20% 16V (8x10) [WT Series] Op. Temp= -55 deg.C to +105 deg.C	C484 C485	2	PCS	Nichicon Corporation	UWT1C471MNL1GS	Unitronic Components Pte Ltd			
281	51Z2A351006		CAP ELECT Chip Type Wide Temp. Range SMT 100uF +/-20% 35V (6.3x7.7) [WT Series] Op. Temp= -55 deg.C to +105 deg.C	C410 C471 C472	3	PCS	Nichicon Corporation	UWT1V101MCL1GS	Unitronic Components Pte Ltd			
282	51Z2A514705		CAP ELECT Chip Type Higher Capacitance Range SMT 47uF +/-20% 100V (10x10mm) [UR Series] Op. Temp= -40 deg. C to +85 deg. C	C650	1	PCS	Nichicon Corporation	UUR2A470MNL1GS	Unitronic Components Pte Ltd			
283	51Z2A641006		CAP ELECT Chip Type Higher Capacitance Range SMT 100uF +/-20% 63V (10x10mm) [UR Series] Op. Temp= -40 deg. C to +85 deg. C	C651	1	PCS	Nichicon Corporation	UUR1J101MNL1GS	Unitronic Components Pte Ltd			
284	55B27160149		DIODE Zener Voltage Regulator SMD 500mW 30V 4.2mA MMSZ5256BT1 SOD-123 Op. Temp= -55 deg.C to +150 deg.C	D403	1	PCS	ON Semiconductor	MMSZ5256BT1G	Avnet Asia (S) Pte Ltd			
285	55B27160154		DIODE Zener Voltage Regulator SMD 500mW 3.3V 50uA MMSZ4684T1 SOD-123 Op Temp= -55 deg C to +150 deg C	D501	1	PCS	ON Semiconductor	MMSZ4684T1G	Avnet Asia (S) Pte Ltd			
286	55F17170065		DIODE Schottky Barrier SMD 20V 1A BAT760 SOD-323 Op. Temp= -65 deg.C to +125 deg.C	D406 D407 D408 D409 D410 D412	6	PCS	Phillips Semiconductors	BAT760, 115	Teck International (Pte) Ltd			
287	55F27170157		DIODE SuperMini Schottky SMD 30V 100mA CMDSH-3 SOD-323 Op. Temp= -65 deg.C to +150 deg.C	D451 D452	2	PCS	Central Semiconductor Corporation	CMDSH-3 TR PbFREE	CALTRON Components (S) Pte Ltd			
288	55F37020114		DIODE Silicon High Current Schottky Barrier SMD 40V 1A ZHCS1000 SOT-23 Op. Temp= -55 deg.C +125 deg.C	D405 D453	2	PCS	Zetex Semiconductors	ZHCS1000TA	MOBICON-Remote Electronics Pte Ltd (Singapore)			
289	55F37240137		DIODE Schottky Rectifier SMD 40V 5A SK54L DO-214AB Op. Temp= -55 deg.C +150 deg.C	D401	1	PCS	Micro Commercial Com	SK54L-TP	Dynamar Holdings Pte Ltd			

290	55F37280159		DIODE Silicon High Current Schottky Barrier SMD 40V 2A ZHCS2000 SOT-23-6 Op. Temp= -55 deg. C to +125 deg. C	D454		1	PCS	Zetex Semiconductors	ZHCS2000TA	MOBICON-Remote Electronics Pte Ltd (Singapore)			
291	55J47270150		DIODE Power Rectifier SMD 100V 1A MURA110T3 SMA Op. Temp= -65 deg.C to +175 deg.C	D505 D506 D507 D508		4	PCS	ON Semiconductor	MURA110T3G	Avnet Asia (S) Pte Ltd			
292	55L47020152		DIODE High Voltage Switching SMD 250V 200mA BAS21LT1 SOT-23 Op temp= -55 deg C to +150 deg C	D411 D504		2	PCS	ON Semiconductor	BAS21LT1G	Avnet Asia (S) Pte Ltd			
293	55M27300155		DIODE Array RailClamp Low Capacitance TVS SMD 300W 5V 12A SRV05-4 SOT-23-6L Op. Temp= -55 deg.C to +125 deg.C	D502		1	PCS	Semtech Corporation	SRV05-4.TCT	Achieva Components Pte Ltd			
294	55N27240151		DIODE 1.5kW Peak Power Unidirectional Zener Transient Voltage Suppressor (TVS) SMD 33V 1mA 1SMC33AT3 SMC/DO-214AB Op Temp= -65 deg C to +150 deg C	D402		1	PCS	ON Semiconductor	1SMC33AT3G	Avnet Asia (S) Pte Ltd			
295	55P27350164		DIODE Thyristor Batrax Single Port Negative SLIC Protector SMD 4V 100mA B1101UCL Modified MS-013 Op. Temp= -40 deg.C to +125 deg.C	D500		1	PCS	Littelfuse (Teccor)	B1101UCLRP	Le Champ (S.E.A.) Pte Ltd			
296	58G54000339		IND Multilayer 0402 Chip Ceramic SMT 33nH +/-5% DCR=1Ohm 200mA [LL1005-FH Series] Op. Temp= -40 deg.C to +100 deg.C	L506 L507 L508 L509 L510 L511 L512 L513 L514 L515 L516 L523 L524 L525 L526 L527 L528 L529 L530 L531 L532 L533 L534 L535 L536 L807 L808 L809 L810 L811 L812 L901 L902		33	PCS	Toko, Inc.	LL1005-FHL33NJ	JAS Components Singapore Pte Ltd			
297	58G5500330A		IND Multilayer 0603 Chip Ceramic SMT 33nH +/-5% DCR=0.70Ohm 600mA [LL1608-FSL Series] Op. Temp= 55 deg. C to +125 deg. C	R709 R710		2	PCS	Toko, Inc.	LL1608-FSL33NJ	JAS Components Singapore Pte Ltd			
298	58H73004708		IND Fixed Coil Power SMT 4.7uH +/-20% DCR=0.075Ohm 6x5.6x2.8mm CG3746L Op. Temp= -40 deg.C to +85 deg.C	L452		1	PCS	Coilcraft, Inc.	CG3746L	Coilcraft Singapore Pte Ltd			
299	58L73000100		IND Power High Efficiency Low Profile Magnetic Shielded SMT 10uH +/-20% DCR=0.042Ohm 3.4A 12x12x4.6mm [MSS1246-XXXL Series] Op. Temp= -40 deg. C to +85 deg. C	L454		1	PCS	Coilcraft, Inc.	MSS1246-103MLC	Coilcraft Singapore Pte Ltd			
300	58L73000150		IND Power High Efficiency Low Profile Magnetic Shielded SMT 15uH +/-20% DCR=0.056Ohm 2.75A 12x12x4.6mm [MSS1246-XXXL Series] Op. Temp= -40 deg. C to +85 deg. C	L401		1	PCS	Coilcraft, Inc.	MSS1246-153MLC	Coilcraft Singapore Pte Ltd			
301	58L73001007		IND Power Low Profile Magnetic Shielded SMT 10uH +/-20% DCR=0.083Ohm 0.87A 5x5x3mm [MSS5131 Series] Op. Temp= -40 deg. C to +85 deg. C	L501		1	PCS	Coilcraft, Inc.	MSS5131-103MLC	Coilcraft Singapore Pte Ltd			
302	58L73004708		IND High Power & Efficiency Low Profile Power SMT 4.7uH +/-20% DCR=0.094Ohm 1.7A 4.7x4.2x3.45mm [SD43-XXXL Series] Op. Temp= -40 deg.C to +85 deg.C	L451		1	PCS	Coilcraft, Inc.	SD43-472MLD	Coilcraft Singapore Pte Ltd			
303	58L73006808		IND Power Low Profile Magnetic Shielded SMT 6.8uH +/-20% DCR=0.06Ohm 1.05A 5x5x3mm [MSS5131 Series] Op. Temp= -40 deg. C to +85 deg. C	L502		1	PCS	Coilcraft, Inc.	MSS5131-682MLC	Coilcraft Singapore Pte Ltd			
304	58L73008208		IND Power High Efficiency Magnetic Shielded SMT 8.2uH +/-20% DCR=0.028Ohm 5.8A 12x12x8mm [MSS1278 Series] Op. Temp= -40 deg. C to +85 deg. C	L453		1	PCS	Coilcraft, Inc.	MSS1278-822MLD	Coilcraft Singapore Pte Ltd			

305	60A20002494		IC ANALOG 3.3V Ringing SLIC Family for Voice Over Broadband (VOB)85VBH 58dB Full Test SMT ISL5585 PLCC-28 Op. Temp= -40 deg.C +85 deg.C	U512		1	PCS	Intersil Corporation	ISL5585BIMZ-T	McCoy Components Pte Ltd			
306	60A50002497		IC ANALOG High Efficiency 2-Phase Synchronous Step-Down Switching Regulators SMT LTC3727 SSOP-28 Op. Temp= -40 deg.C +85 deg.C	U451		1		Linear Technology Corp.	LTC3727EG#TRP BF	Westech Electronics Pte Ltd			
307	60A50002498		IC ANALOG 4A High Efficiency Multi-Chemistry Battery Charger SMT LTC4008 SSOP-20 Op. Temp= -40 deg.C +85 deg.C	U401		1		Linear Technology Corp.	LTC4008EGN#TR PBF	Westech Electronics Pte Ltd			
308	60A50102619		IC ANALOG Advanced LinCMOS Rail-To-Rail Very Low-Power Single Operational Amplifier SMT, TLV2221 DBV/SOT-23-5/SOT-25 Op. Temp= -40 deg.C to +85 deg.C	U406		1	PCS	Texas Instruments Inc.	TLV2221IDBVR	Avnet Asia (S) Pte Ltd			
309	60A60002474		IC ANALOG Single Supply Dual Operational Amplifier SMT LM2904 SOIC-8 Op. Temp= -40 deg.C to +105 deg.C	U511 U514		2	PCS	ON Semiconductor	LM2904DR2G	Avnet Asia (S) Pte Ltd			
310	60A60002475		IC ANALOG Low Offset Voltage Dual Comparator SMT LM2903 SOIC-8 Op. Temp= -40 deg.C +105 deg.C	U412		1	PCS	ON Semiconductor	LM2903DR2G	Avnet Asia (S) Pte Ltd			
311	60A90002596		IC ANALOG 750mW Audio Power Amplifier with DC Volume Control & Headphone Switch SMT LM4875 MSOP-8 Op. Temp= -40 deg. C to +85 deg. C	U903		1	PCS	National Semiconductor	LM4875MM/NOPB	Avnet Asia (S) Pte Ltd			
312	60B40002592		IC DIGITAL Dual 2-Input AND Gate SMT 74HC2G08DP TSSOP-8 Op. Temp= -40 deg.C to +125 deg.C	U407		1	PCS	Phillips Semiconductors	74HC2G08DP, 125	Teck International (Pte) Ltd			
313	60B70102588		IC Digital Quad 2-Input OR Gate SMT 74HC32D SO-14 Op. Temp= -40 deg.C to +125 deg.C	U801		1	PCS	Phillips Semiconductors	74HC32D, 652	Teck International (Pte) Ltd			
314	60B80102597		IC DIGITAL 2to1 Multiplexer SMT NLAB3157 SC-88/SOT-363/SC-70 Op. Temp= -55 deg. C to +125 deg. C	U408		1	PCS	ON Semiconductor	NLAB3157DFT2 G	Avnet Asia (S) Pte Ltd			
315	60BA0002515		IC 10_100 Non-PCI Ethernet Single Chip MAC + PHY SMT LAN91C111i TQFP-128 Op. Temp= -40 deg.C to +85 deg.C	U800		1	PCS	Standard Microsystems Corporation (SMSC)	LAN91C111i-NU	Avnet Asia (S) Pte Ltd			
316	60BC0002493		IC DIGITAL Double Multiprotocol IC Card Interface SMT TDA8007BHL/C2 LQFP-48 Op. Temp= -40 deg.C to +85 deg.C	U506		1	PCS	Phillips Semiconductors	TDA8007BHL/C2, 118	Teck International (Pte) Ltd			
317	60BE0102563		IC DIGITAL Single 2-Input NAND Gate SMT MC74VHC1G00 SC70-5/SC-88A/SOT-353 Op. Temp= -55 deg.C to +125 deg.C	U802		1	PCS	ON Semiconductor	MC74VHC1G00DF T2G	Avnet Asia (S) Pte Ltd			
318	60BE0102589		IC DIGITAL 2-Input OR Gate SMT 74AHC1G32GW SOT-353/SC-88A Op. Temp= -40 deg.C to +125 deg.C	U409		1	PCS	Phillips Semiconductors	74AHC1G32GW, 125	Teck International (Pte) Ltd			
319	60BQ0102648		IC 32-Tap, Nonvolatile, Linear, Digital Potentiometer, SMT, 100K OHM, +/-0.6mA, MAX5433LETA+T 8 TDFN-EP (T833-1) Op. Temp= -40 deg.C to +85 deg.C	U417		1	PCS	Maxim Integrated Products	MAX5433LETA+T	Tomen (S) Electronics Pte Ltd			
320	60D60002499		IC 64K-Bit I2C Serial CMOS EEPROM SMT CAT24WC64 SOIC-8(150 mil) Op. Temp= -40 deg.C to +85 deg.C	U504		1	PCS	Catalyst Semiconductor, Inc	CAT24WC64WI-TE13	Avnet Asia (S) Pte Ltd			
321	60DB0002471		IC 4M x 16 x 4 banks Synchronous DRAM SMT 3.3V Timing=6ns PC166 IS42S16160B TSOP-54 Op. Temp= -40 deg.C to +85 deg.C	U503		1	PCS	Integrated Silicon Solution, Inc. (ISSI)	IS42S16160B-6TLI	Ingram Micro Semiconductor Asia Pte Ltd			

322	60DB0002487		IC 128M-bit(16M x 8_8M x16) 3V Only Page Mode Flash Memory featuring 110nm MirrorBit Processor Technology SMT S29GL128N TSOP-56 Op. Temp= -40 deg.C to +85 deg.C	U502		1	PCS	Spansion LLC.	S29GL128N11TFI010	Fujitsu Microelectronics Asia Pte Ltd			
323	60DB0002598		IC 64K x 16 High-Speed CMOS Static RAM 3.3V 12ns Speed SMT IS61WV6416BLL TSOP-44(II) Op. Temp= -40 deg. C to +85 deg. C	U902		1	PCS	Integrated Silicon Solution, Inc. (ISSI)	IS61WV6416BLL-12TLI	Tomen (S) Electronics Pte Ltd			
324	60DB0002633		IC 4M x 16 x 4 banks Synchronous DRAM SMT Cycle Time=7.5ns Clock Rate=PC133 MT48LC16M16A2 TSOP-54 Op. Temp= -20 deg.C to +85 deg.C	U503		1	PCS	Micron Technology, Inc.	MT48LC16M16A2 P-75IT	Desner Electronics (Far East) Pte Ltd			
325	60G40002599		IC Slow Rate Controlled Ultralow Noise 1A Isolated DC-DC Transformer Driver SMT LT3439 TSSOP-16 Op. Temp= -40 deg. C to +125 deg. C	U513		1	PCS	Linear Technology Corp.	LT3439EFE#PBF	Westech Electronics Pte Ltd			
326	60G60102600		IC ANALOG Constant Frequency Current Mode Step-Down DC-DC Controller SMT LTC1772 TSOT-23-6 Op. Temp= -40 deg. C to +85 deg. C	U452 U454		2	PCS	Linear Technology Corp.	LTC1772IS6#TRPBF	Westech Electronics Pte Ltd			
327	60J40002620		IC CODEC Low Cost & Low Power CMOS General Purpose Analog Front End SMT AD73311L TSSOP-20 Op. Temp= -40 deg.C to +105 deg.C	U510		1	PCS	Analog Devices, Inc.	AD73311LARUZ-RL	Excelpoint Systems (Pte) Ltd			
328	60K10102483		IC Dual-Core Processor SMT OMAP5910 BGA-289(ZDY) Op. Temp= -40 deg.C +85 deg.C	U500		1	PCS	Texas Instruments Inc.	OMAP5910JZDY2	Avnet Asia (S) Pte Ltd			
329	60L50002486		IC Dual 10-Bit TxDAC+ with 2 x Interpolation Filters SMT AD9761 SSOP-28 Op. Temp= -40 deg.C to +85 deg.C	U804		1	PCS	Analog Devices, Inc.	AD9761ARSZRL	Excelpoint Systems (Pte) Ltd			
330	60L60002481		IC 2.7 to 5.5V Low-Power Dual 10-Bit D-A Converter with Power Down SMT TLV5617A SOIC-8 Op. Temp= -40 deg.C to +85 deg.C	U904		1	PCS	Texas Instruments Inc.	TLV5617AIDR	Avnet Asia (S) Pte Ltd			
331	60N10102643		IC Spartan-3 FPGA Family 2M System Gates 40 Dedicated Multipliers Standard Performance Speed Grade SMT XC3S2000 FBGA-676 Op. Temp= -40 deg.C to +100 deg.C	U900 U901		2	PCS	Xilinx, Inc.	XC3S2000-4FGG676I	Avnet Asia (S) Pte Ltd			
332	60P50002516		IC 10-Bit 20MSPS A-D Converter with Internal Voltage Reference SMT HI5767 SSOP-28 Op. Temp= -40 deg.C +85 deg.C	U805		1	PCS	Intersil Corporation	HI5767/2IAZ-T	McCoy Components Pte Ltd			
333	60R90002632		IC Doubler Charge Pumps with Low Noise Linear Regulator SMT VOUT=Adj. 50mA LTC1682 MSOP-8 Op. Temp= -40 deg.C to +85 deg.C	U507		1	PCS	Linear Technology Corp.	LTC1682IMS8#TRPBF	Westech Electronics Pte Ltd			
334	60RC0102590		IC Power & Battery Management for Li-Ion Powered Systems SMT TPS65010 QFN-48 Op. Temp= -40 deg.C to +85 deg.C	U501		1	PCS	Texas Instruments Inc.	TPS65010RGZR	Avnet Asia (S) Pte Ltd			
335	60SM0102604		IC VOLTAGE DETECTOR Standard 150mW SMT O/P=3V [XC61C Series] SSOT-24 Op. Temp= -40 deg.C to +85 deg.C	U402 U410		2	PCS	Torex Semiconductor Ltd	XC61CN3002NR	Tech Quay (S) Pte Ltd			
336	60TB0102605		IC Low Loss PowerPath Controller SMT LTC4412 TSOT-23-6 Op. Temp= -40 deg. C to +85 deg. C	U413		1	PCS	Linear Technology Corp.	LTC4412ES6#PBF	Westech Electronics Pte Ltd			
337	61GF0000169		LED Chip Lamp SMD Water Clear Super Bright Green Gap 2.2V 10uA (1.6x0.8x1.1mm) KP-1608SGC Op. Temp= -40 deg. C to +85 deg. C	DS400		1	PCS	Kingbright Elec. Co., Ltd	KP-1608SGC	KBM Opto Sdn. Bhd. (Kingbright Group)			
338	64AJ1120003		RESONATOR X'tal Alumina Ceramics SMD 12MHz FT=30ppm LC=12pF 5x3.2x1.3mm [NX5032GA Series] Op. Temp= -40 deg. C to +85 deg. C	X501		1	PCS	Nihon Dempa Kogyo Co., Ltd. (NDK)	EXS00A-01266	NDK Crystal Asia Pte Ltd			
339	64AJ1250003		RESONATOR X'tal Alumina Ceramics SMD 25MHz FT=30ppm LC=12pF 5x3.2x1.3mm [NX5032GA Series] Op. Temp= -40 deg. C to +85 deg. C	X800		1	PCS	Nihon Dempa Kogyo Co., Ltd. (NDK)	EXS00A-02552	NDK Crystal Asia Pte Ltd			

340	64BK1327680		RESONATOR Tuning Fork Ceramic 32.768KHz FT=20ppm LC=12.5pF 2x6mm [T26GMJ Series] Op. Temp= -40 deg.C to +85 deg.C	X500		1	PCS	Mercury Electronic Industrial Co., Ltd	T26GMJ-32.768K- 12.5	JAS Components Singapore Pte Ltd			
341	64CH1163843		RESONATOR TTL/HCMOS Oscillator Ceramic Tri-State SMD 16.384MHz FT=50ppm LC=15pF 3.3V 5x7x1.4mm [SWO Series] Op. Temp= -40 deg. C to +85 deg. C	Y500		1	PCS	Mercury Electronic Industrial Co., Ltd	3SWO-ET-16.384	JAS Components Singapore Pte Ltd			
342	64CH1393213		RESONATOR TTL/HCMOS Oscillator Ceramic Tri-State SMD 39.3216MHz FT=50ppm LC=15pF 3.3V 5x7x1.4mm [SWO Series] Op. Temp= -40 deg. C to +85 deg. C	OSC900		1	PCS	Mercury Electronic Industrial Co., Ltd	3SWO-ET-39.3216	JAS Components Singapore Pte Ltd			
343	65L13001102		RES Thick Film Chip 0402 SMT 11K OHM +/-1% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R849		1	PCS	Walsin Technology Corp.	WR04X1102FTL	TNB Electronics Pte Ltd			
344	65L13001303		RES Thick Film Chip 0402 SMT 130k OHM +/-1% 1/16W Op Temp= -55 deg. C to +155 deg. C	R454		1	PCS	Walsin Technology Corp.	WR04X1303FTL	TNB Electronics Pte Ltd			
345	65L13001623		RES Thick Film Chip 0402 SMT 162k OHM +/-1% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R435		1	PCS	Walsin Technology Corp.	WR04X1623FTL	TNB Electronics Pte Ltd			
346	65L13001692		RES Thick Film Chip 0402 SMT 16.9k OHM +/-1% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R407		1	PCS	Walsin Technology Corp.	WR04X1692FTL	TNB Electronics Pte Ltd			
347	65L13001963		RES Thick Film Chip 0402 SMT 196k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R467 R965		2	PCS	Walsin Technology Corp.	WR04X1963FTL	TNB Electronics Pte Ltd			
348	65L13002002		RES Thick Film Chip 0402 SMT 20k OHM +/-1% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R455 R466		2	PCS	Walsin Technology Corp.	WR04X2002FTL	TNB Electronics Pte Ltd			
349	65L13002553		RES Thick Film Chip 0402 SMT 255k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R494		1	PCS	Walsin Technology Corp.	WR04X2553FTL	TNB Electronics Pte Ltd			
350	65L13002672		RES Thick Film Chip 0402 SMT 26.7k OHM +/-1% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R412		1	PCS	Walsin Technology Corp.	WR04X2672FTL	TNB Electronics Pte Ltd			
351	65L13008062		RES Thick Film Chip 0402 SMT 80.6k OHM +/-1% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R471 R496 R495 R499		4	PCS	Walsin Technology Corp.	WR04X8062FTL	TNB Electronics Pte Ltd			
352	65L14014997		RES Thick Film Chip 0603 SMT 49.9 OHM +/-1% 1/10W Op. Temp= -55 deg. C to +155 deg. C	R845 R846		2	PCS	Walsin Technology Corp.	WR06X49R9FTL	TNB Electronics Pte Ltd			
353	65L15022497		RES Thick Film Chip 0805 SMT 24.9 OHM +/-1% 1/8W Op. Temp= -55 deg. C to +155 deg. C	R842 R843 R844 R859		4	PCS	Walsin Technology Corp.	WR08X24R9FTL	TNB Electronics Pte Ltd			
354	65L1603400A		RES Thick Film Chip Low Ohmic 1206 SMT 0.04 OHM +/- 1% 1/4W Op. Temp= -55 deg. C to +155 deg. C	R492		1	PCS	Walsin Technology Corp.	WW12XR040FTL	TNB Electronics Pte Ltd			
355	65L1603800A		RES Thick Film Chip Low Ohmic 1206 SMT 0.08 OHM +/- 1% 1/4W Op. Temp= -55 deg. C to +155 deg. C	R408		1	PCS	Walsin Technology Corp.	WW12XR080FTL	TNB Electronics Pte Ltd			
356	65L1704200A		RES Thick Film Chip Low Ohmic 2010 SMT 0.02 OHM +/- 1% 1/2W Op. Temp= -55 deg. C to +155 deg. C	R476 R479		2	PCS	Walsin Technology Corp.	WW20XR020FTL	TNB Electronics Pte Ltd			
357	65L1704300A		RES Thick Film Chip Low Ohmic 2010 SMT 0.03 OHM +/- 1% 1/2W Op. Temp= -55 deg. C to +155 deg. C	R406 R486		2	PCS	Walsin Technology Corp.	WW20XR030FTL	TNB Electronics Pte Ltd			

358	65L33000100		RES Thick Film Chip 0402 SMT 10 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R429 R477 R538 R975 R1016 R1601	6	PCS	Walsin Technology Corp.	WR04X100JTL	TNB Electronics Pte Ltd			
359	65L33000180		RES Thick Film Chip 0402 SMT 18 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R421 R613 R614 R615 R616 R617 R618 R619 R620 R621 R622 R623 R624 R625 R626 R627 R628 R629 R630 R631 R632 R633 R634 R635 R636 R637 R638 R639 R640 R641 R642 R643 R644 R645 R646 R647 R648 R649 R650 R840 R885 R886 R887 R888 R889 R890 R891 R892 R893 R894 R895 R897 R901 R910 R976 R977 R978 R1000 R1001 R1062 R1064	61	PCS	Walsin Technology Corp.	WR04X180JTL	TNB Electronics Pte Ltd			
360	65L33000220		RES Thick Film Chip 0402 SMT 22 OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R493 R541 R542 R543 R544 R545 R546 R547 R548 R549 R551 R552 R553 R554 R555 R556 R557 R558 R559 R560 R561 R562 R563 R564 R565 R566 R567 R587 R588 R589 R590 R591 R592 R593 R594 R595 R596 R597 R598 R599 R600 R601 R602 R603 R604 R605 R606 R607 R608 R609 R610 R611 R870 R871 R872 R873 R874 R875 R876 R877 R878 R879 R880 R881 R882 R883 R900 R927 R928 R929 R930 R931 R932 R933 R934 R935 R936 R938 R939 R940 R941 R942 R943 R944 R945 R946 R947 R948 R949	89	PCS	Walsin Technology Corp.	WR04X220JTL	TNB Electronics Pte Ltd			
361	65L33000270		RES Thick Film Chip 0402 SMT 27 OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R713 R714	2	PCS	Walsin Technology Corp.	WR04X270JTL	TNB Electronics Pte Ltd			
362	65L33000330		RES Thick Film Chip 0402 SMT 33 OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R501 R502 R503 R504 R505 R506 R507	7	PCS	Walsin Technology Corp.	WR04X330JTL	TNB Electronics Pte Ltd			
363	65L33001000		RES Thick Film Chip 0402 SMT 100 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R426 R514 R767 R769 R972 R980 R982 R983 R1004 R1005 R1007 R1008 R1056	13	PCS	Walsin Technology Corp.	WR04X101JTL	TNB Electronics Pte Ltd			
364	65L33001001		RES Thick Film Chip 0402 SMT 1k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R472 R473 R474 R478 R526 R760 R791 R794 R866 R867 R868 R926 R1055 R1058	14	PCS	Walsin Technology Corp.	WR04X102JTL	TNB Electronics Pte Ltd			
365	65L33001002		RES Thick Film Chip 0402 SMT 10k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R401 R419 R420 R422 R424 R451 R459 R481 R487 R508 R509 R511 R550 R711 R712 R744 R752 R753 R757 R776 R786 R788 R790 R796 R797 R974 R979 R984 R987 R988 R995 R998 R1044 R1045 R1049 R1066 R1600	37	PCS	Walsin Technology Corp.	WR04X103JTL	TNB Electronics Pte Ltd			

366	65L33001003		RES Thick Film Chip 0402 SMT 100k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R402 R403 R415 R425 R428 R440 R441 R442 R443 R445 R446 R480 R500 R510 R512 R517 R518 R519 R520 R523 R524 R525 R528 R540 R568 R569 R570 R571 R572 R573 R574 R575 R576 R577 R578 R579 R580 R581 R582 R583 R651 R699 R703 R704 R705 R706 R707 R715 R719 R754 R756 R759 R761 R800 R801 R802 R803 R804 R805 R856 R858 R896 R905 R906 R911 R925 R989 R990 R991 R992 R993 R997 R999 R1010 R1011 R1012 R1059 R1823	78	PCS	Walsin Technology Corp.	WR04X104JTL	TNB Electronics Pte Ltd			
367	65L33001004		RES Thick Film Chip 0402 SMT 1M OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R444 R447 R448 R458 R475 R513 R539 R612 R1602	9	PCS	Walsin Technology Corp.	WR04X105JTL	TNB Electronics Pte Ltd			
368	65L33001103		RES Thick Film Chip 0402 SMT 110k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R515	1	PCS	Walsin Technology Corp.	WR04X114JTL	TNB Electronics Pte Ltd			
369	65L33001202		RES Thick Film Chip 0402 SMT 12k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R430 R431	2	PCS	Walsin Technology Corp.	WR04X123JTL	TNB Electronics Pte Ltd			
370	65L33001501		RES Thick Film Chip 0402 SMT 1.5k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R780	1	PCS	Walsin Technology Corp.	WR04X152JTL	TNB Electronics Pte Ltd			
371	65L33001502		RES Thick Film Chip 0402 SMT 15k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R465 R789 R795	3	PCS	Walsin Technology Corp.	WR04X153JTL	TNB Electronics Pte Ltd			
372	65L33001503		RES Thick Film Chip 0402 SMT 150k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R432 R907	2	PCS	Walsin Technology Corp.	WR04X154JTL	TNB Electronics Pte Ltd			
373	65L33001601		RES Thick Film Chip 0402 SMT 1.6k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R452 R460	2	PCS	Walsin Technology Corp.	WR04X162JTL	TNB Electronics Pte Ltd			
374	65L33001602		RES Thick Film Chip 0402 SMT 16k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R971	1	PCS	Walsin Technology Corp.	WR04X163JTL	TNB Electronics Pte Ltd			
375	65L33002001		RES Thick Film Chip 0402 SMT 2k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R884	1	PCS	Walsin Technology Corp.	WR04X202JTL	TNB Electronics Pte Ltd			
376	65L33002002		RES Thick Film Chip 0402 SMT 20k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R994	1	PCS	Walsin Technology Corp.	WR04X203JTL	TNB Electronics Pte Ltd			
377	65L33002202		RES Thick Film Chip 0402 SMT 22k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R720 R764	2	PCS	Walsin Technology Corp.	WR04X223JTL	TNB Electronics Pte Ltd			
378	65L33002203		RES Thick Film Chip 0402 SMT 220k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R498	1	PCS	Walsin Technology Corp.	WR04X224JTL	TNB Electronics Pte Ltd			
379	65L33002400		RES Thick Film Chip 0402 SMT 240 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R469	1	PCS	Walsin Technology Corp.	WR04X241JTL	TNB Electronics Pte Ltd			

380	65L33002701		RES Thick Film Chip 0402 SMT 2.7k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg C	R409 R410 R700 R701	4	PCS	Walsin Technology Corp.	WR04X272JTL	TNB Electronics Pte Ltd			
381	65L33002702		RES Thick Film Chip 0402 SMT 27k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R433	1	PCS	Walsin Technology Corp.	WR04X273JTL	TNB Electronics Pte Ltd			
382	65L33003000		RES Thick Film Chip 0402 SMT 300 OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R527 R847 R848	3	PCS	Walsin Technology Corp.	WR04X301JTL	TNB Electronics Pte Ltd			
383	65L33003001		RES Thick Film Chip 0402 SMT 3k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R404 R434	2	PCS	Walsin Technology Corp.	WR04X302JTL	TNB Electronics Pte Ltd			
384	65L33003002		RES Thick Film Chip 0402 SMT 30k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R464 R768	2	PCS	Walsin Technology Corp.	WR04X303JTL	TNB Electronics Pte Ltd			
385	65L33003900		RES Thick Film Chip 0402 SMT 390 OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R470	1	PCS	Walsin Technology Corp.	WR04X391JTL	TNB Electronics Pte Ltd			
386	65L33003901		RES Thick Film Chip 0402 SMT 3.9k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R522	1	PCS	Walsin Technology Corp.	WR04X392JTL	TNB Electronics Pte Ltd			
387	65L33004700		RES Thick Film Chip 0402 SMT 470 OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R908 R909	2	PCS	Walsin Technology Corp.	WR04X471JTL	TNB Electronics Pte Ltd			
388	65L33005101		RES Thick Film Chip 0402 SMT 5.1k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R405 R416 R449 R716 R717 R765 R863	7	PCS	Walsin Technology Corp.	WR04X512JTL	TNB Electronics Pte Ltd			
389	65L33005102		RES Thick Film Chip 0402 SMT 51k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R414 R755 R763 R996 R1050	5	PCS	Walsin Technology Corp.	WR04X513JTL	TNB Electronics Pte Ltd			
390	65L33005602		RES Thick Film Chip 0402 SMT 56k OHM +/-5% 1/16W Op. Temp= -55 deg.C to +155 deg.C	R457 R461 R985	3	PCS	Walsin Technology Corp.	WR04X563JTL	TNB Electronics Pte Ltd			
391	65L33006202		RES Thick Film Chip 0402 SMT 62k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R762	1	PCS	Walsin Technology Corp.	WR04X623JTL	TNB Electronics Pte Ltd			
392	65L33006203		RES Thick Film Chip 0402 SMT 620k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R516	1	PCS	Walsin Technology Corp.	WR04X624JTL	TNB Electronics Pte Ltd			
393	65L33006802		RES Thick Film Chip 0402 SMT 68k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R746	1	PCS	Walsin Technology Corp.	WR04X683JTL	TNB Electronics Pte Ltd			
394	65L33007503		RES Thick Film Chip 0402 SMT 750k OHM +/-5% 1/16W Op. Temp= -55 deg. C to +155 deg. C	R427	1	PCS	Walsin Technology Corp.	WR04X754JTL	TNB Electronics Pte Ltd			
395	65L34010100		RES Thick Film Chip 0603 SMT 10 OHM +/-5% 1/10W Op. Temp= -55 deg.C to +155 deg.C	R702	1	PCS	Walsin Technology Corp.	WR06X100JTL	TNB Electronics Pte Ltd			
396	65L34012003		RES Thick Film Chip 0603 SMT 200k OHM +/-5% 1/10W Op. Temp= -55 deg. C to +155 deg. C	R693 R698	2	PCS	Walsin Technology Corp.	WR06X204JTL	TNB Electronics Pte Ltd			
397	65L38051000		RES Thick Film Chip Power 2512 SMT 100 OHM +/-5% 1W Op. Temp= -55 deg. C to +155 deg. C	R741 R742 R743 R748	4	PCS	Walsin Technology Corp.	WR25X101JTL	TNB Electronics Pte Ltd			



398	65L73000000		RES Thick Film Chip 0402 SMT 0 OHM 1/16W Op. Temp= -55 deg.C to +155 deg.C	C709 C874 C875 R413 R423 R436 R450 R453 R462 R468 R585 R691 R718 R721 R774 R850 R852 R902 R903 R912 R913 R914 R915 R967 R970 R981 R1002 R1003 R1006 R1061 R1800 R1801 R1802 R1804	34	PCS	Walsin Technology Corp.	WR04X000PTL	TNB Electronics Pte Ltd			
399	65L74010000		RES Thick Film Chip 0603 SMT 0 OHM 1/10W Op. Temp= -55 deg.C to +155 deg.C	R851 R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1028 R1029 R1030 R1031 R1032 R1033 R1034 R1035 R1036 R1037 R1038 R1039 R1040 R1041 R1042 R1043	28	PCS	Walsin Technology Corp.	WR06X000PTL	TNB Electronics Pte Ltd			
400	67C00110027		FERRITE BEAD 0805 Low Impedance SMT 600Ohm +/-25% DCR=0.4Ohm 500mA [FCM2012 Series]Op. Temp=-55 deg.C +125 deg.C	L455 L456 L500 L503 L505 L517 L518 L520 L800 L801 L802 L803 L804 L805 L806 L813 L1400	17	PCS	Tai-Tech Advanced Electronics	FCM2012KF-601T05	Tai-Tech Advanced Electronics (S) Pte Ltd			
401	67C00110028		FERRITE BEAD 0805 Ultra Low DCR SMT 600Ohm +/-25% DCR=0.1Ohm 1.5A [HPB2012Z Series]Op. Temp= -55 deg.C +125 deg.C	L522	1	PCS	Tai-Tech Advanced Electronics	HPB2012ZF-601T15	Tai-Tech Advanced Electronics (S) Pte Ltd			
402	69A1B020145		TRANS BJT NPN Silicon General Purpose SMT 40VDC 200mA MMBT3904LT1 (SOT-23) Op. Temp= -55 deg.C to +150 deg.C	Q402 Q403	2	PCS	ON Semiconductor	MMBT3904LT1G	Avnet Asia (S) Pte Ltd			
403	69A1B020148		TRANS BJT PNP Silicon General Purpose SMT -40VDC 200mA MMBT3906LT1 (SOT-23) Op. Temp= -55 deg.C to +150 deg.C	Q404 Q405 Q406 Q407	4	PCS	ON Semiconductor	MMBT3906LT1G	Avnet Asia (S) Pte Ltd			
404	69C18100165		TRANS MOSFET P-Channel PowerTrench SMT -30V -5.3A FDS9435A SO-8 Op. Temp= -55 deg.C to +175 deg.C	U405	1	PCS	Fairchild Semiconductor Corporation	FDS9435A_NL	AV Concept (S) Pte Ltd			
405	69C18100191		TRANS MOSFET Dual P-Channel Logic Level PowerTrench SMT -30V -6A FDS6975 SO-8 Op. Temp=-55 deg.C to +150 deg.C	U403 U416	2	PCS	Fairchild Semiconductor Corporation	FDS6975_NL	AV Concept (S) Pte Ltd			
406	69C1B170193		TRANS Power Mosfet P-Channel SMT -20V 2A NTGS3443T1 TSOP-6 Op. Temp= -55 deg. C to +150 deg. C	U453 U455 U803	3	PCS	ON Semiconductor	NTGS3443T1G	Avnet Asia (S) Pte Ltd			
407	69J1B100192		TRANS Power MOSFET Dual N-Channel SMT 30V 6A NTMD6N03 SOIC-8 Op Temp= -55 deg. C to +150 deg. C	U456 U457	2	PCS	ON Semiconductor	NTMD6N03R2G	Avnet Asia (S) Pte Ltd			
408	69L1B170194		TRANS Power MOSFET Single N-Channel SMT 30V 7A NTGS4141N TSOP-6 Op. Temp= -55 deg. C to +150 deg. C	U404	1	PCS	ON Semiconductor	NTGS4141NT1G	Avnet Asia (S) Pte Ltd			
409	69M14020188		TRANS MOSFET N-Channel Trench SMT 60V 300mA 2N7002 SOT-23 Op. Temp= -65 deg.C to +150 deg.C	Q401 Q409 Q411 Q601 Q602 Q603 Q801	7	PCS	Phillips Semiconductors	2N7002, 215	Teck International (Pte) Ltd			
410	70H03000025		TRANSFORMER SLIC SMT 39uH +/-10% 300V O/P=+/-43V & +/-13V 8 Pins CG3468CL Op. Temp= -40 deg.C to +80 deg.C	T500	1	PCS	Coilcraft, Inc.	CG3468CL	Coilcraft Singapore Pte Ltd			
411	73H13110048		SWITCH Push Leaded 2P2T Non-Locked 22x11.1x6.6mm WPM-S2P(N)LB Op. Temp= -20 deg.C to +70 deg.C	SW451	1	PCS	JAS Components Singapore Pte Ltd	WPM-S2P(N)LB	JAS Components Singapore Pte Ltd			

412	80C23035005		SURGE SUPPRESSOR Single Line Polymer ESD Bi-directional 0603 SMT 35V 0603ESDA Op. Temp= -56 deg. C to +105 deg. C	VAR401		1	PCS	Cooper Electronic Technologies (CET) [Cooper Bussmann]	0603ESDA-TR1	PaC Components Pte Ltd			
413	8511D010079		VOLTAGE REGULATOR High Current & Speed LDO with Voltage Detector Function SMT Vout=2.5V VD=2.8V 300mA XC6403F SOT-23-5/SOT-25 Op. Temp= -40 deg. C to +85 deg. C	VR406		1	PCS	Torex Semiconductor Ltd	XC6403FV83MR	Tech Quay (S) Pte Ltd			
414	8511D020077		VOLTAGE REGULATOR LDO Low-Noise Fixed Output Voltage SMT Vout=3.3V 500mA RT9167A SOT-23-5/SOT-25 Op Temp= -20 deg.C to +85 deg.C	VR402 VR403 VR405 VR409		4	PCS	RichTek Technology C	RT9167A-33PB	E-SMART Distribution Pte Ltd			
415	8511D030063		VOLTAGE REGULATOR High Ripple-Rejection Low Dropout CMOS Positive ON/OFF SMT VOUT=5V 150mA S-1112 SOT-23-5/SOT-25 Op. Temp= -40 deg.C +85 deg.C	VR404		1	PCS	Seiko Instruments Inc. (SII)	S-1112B50MC-L7J TF-G	Achieva Components Pte Ltd			
416	8511D030078		VOLTAGE REGULATOR High Current & Speed LDO SMT Vout=5V 700mA XC6210A SOT-23-5/SOT-25 Op. Temp= -40 deg. C to +85 deg. C	VR900		1	PCS	Torex Semiconductor Ltd	XC6210A502MR	Tech Quay (S) Pte Ltd			
417	85217080076		VOLTAGE REGULATOR Adjustable Output Positive SMT Vout= 1.2V to 37V 100mA LM317L SOIC-8 Op. Tem= -40 deg. C to +125 deg. C	U411		1	PCS	ON Semiconductor	LM317LBDR2G	Avnet Asia (S) Pte Ltd			
418	92E10300013		FUSE PolySwitch PTC Device Resettable Leaded Radial 30V Max=100A Hold=3A 11.4x16.5x3mm RUEF300 Op. Temp= -40 deg.C to +85 deg.C	F401		1	PCS	Tyco Electronics (Raychem Circuit Protection)	RUEF300	Avnet Asia (S) Pte Ltd			
419	92H26000015		FUSE TELELINK Surge Resistant SMT 600V 1.25A 10.1x3.12x3.12mm [461 Series] Op. Temp= -55 dg. C to +125 deg. C	F500 F501		2	PCS	Littelfuse (Teccor)	04611.25ER	Le Champ (S.E.A.) Pte Ltd			
420	DNA		DNA CONNECTOR	CON500 CON504 CON507 HDR500 H601 H900 H902		7	PCS	NA	NA	NA			
421	DNA		DNA IND 1206 SMT	L701		1	PCS	NA	NA	NA			

422	DNA		DNA RES 0402 SMT	R411 R456 R463 R497 R521 R529 R530 R534 R584 R586 R653 R654 R655 R656 R657 R658 R659 R660 R661 R662 R663 R664 R665 R666 R667 R668 R669 R670 R671 R672 R673 R674 R675 R676 R677 R678 R679 R680 R681 R682 R683 R684 R685 R686 R687 R688 R689 R690 R692 R708 R723 R725 R726 R727 R728 R729 R730 R731 R732 R733 R734 R735 R736 R737 R738 R739 R740 R745 R749 R750 R751 R758 R766 R770 R771 R772 R773 R775 R779 R781 R792 R798 R806 R807 R808 R809 R810 R811 R812 R813 R814 R815 R816 R817 R818 R819 R820 R821 R822 R823 R824 R825 R826 R827 R828 R829 R830 R831 R832 R833 R834 R835 R836 R837 R838 R839 R841 R853 R854 R855 R857 R865 R898 R899 R904 R916 R917 R918 R919 R924 R937 R950 R951 R952 R953 R954 R955 R956 R957 R958 R959 R960 R961 R962 R968 R973 R1009 R1048 R1053 R1063 R1065 R1068 R1803 R1805 R1806 R1807 R1808 R1809	158	PCS	NA	NA	NA			
423	DNA		DNA TRANS	Q501 Q502 Q583	3	PCS	NA	NA	NA			
424	DNA		DNA CAP TANT SMT CASE A	C457	1	PCS	NA	NA	NA			
425	DNA		DNA IC	U505 U508	2	PCS	NA	NA	NA			
426	DNA		DNA CAP 0603 SMT	C452 C461	2	PCS	NA	NA	NA			
427	DNA		DNA RES 0603 SMT	R696 R697	2	PCS	NA	NA	NA			
428	DNA		DNA CAP 0402 SMT	C418 C420 C425 C427 C431 C433 C488 C581 C656 C662 C667 C668 C818 C819 C832 C835 C836 C837 C838 C839 C848 C849 C850 C851 C852 C853 C854 C855 C856 C858 C859 C860 C861 C862 C864 C880 C881 C882 C883 C884 C885 C886 C944 C1041 C1043 C1602 C1603 C1604 C1605 C1606 C1607 C1608 C1609 C1610 C1611 C1612 C1613 C1614 C1615 C1616 C1617 C1618 C1619 C1620 C1621 C1622 C1623 C1624 C1625 C1626 C1627	71	PCS	NA	NA	NA			
429	DNA		DNA DIODE	D509	1	PCS	NA	NA	NA			
430	DNA		DNA CAP TANT SMT CASE D	C669 C706	2	PCS	NA	NA	NA			

431	20G352M0100	100	Assembly GPS Antenna Board PCBA, Lotus		1 SET	NA	NA	NA			
432	30H30091010		GPS Adapter Board PCB, FR1, Tin Plated, 1L, 1.0T, 55mmx55mm		1 PCS	Lucky View PCB (HK) Ltd	-	Lucky View PCB (HK) Ltd			
433	79F77021000		ANTENNA GPS 1575.42MHz Peak Gain=4dBi Polarization= RHCP Bandwidth=20MHz 50Ohm 3 to 5.5VDC 22mADC 34.4x29x8.85mm Cable=1.32x15mm No Connector L827A-SXCXW1CKES [P1 Series] Op. Temp= -40 deg.C to +85 deg.C	ANT2	1 PCS	Allis Communications Company, Ltd	L827A-SXCXWICKES	E-SMART Distribution Pte Ltd			
434	20H352M0102	102	Assembly UT Antenna Board PCBA, Lotus		1 SET	NA	NA	NA			
435	30J30091011		Antenna Board 1 PCB, FR4, Tin Plated, 1L, 0.125T, 133.33mmx120mm		1 PCS	Lucky View PCB (HK) Ltd	-	Lucky View PCB (HK) Ltd			
436	30M30091100		UT Antenna Board PCB, FR4, Tin Plated, 2L, 1.0T, 133.35mmx127.5mm		1 PCS	Lucky View PCB (HK) Ltd	-	Lucky View PCB (HK) Ltd			
437	40471000405		CONNECTOR Coaxial Straight PCB Plug SMT 81 MMBX S50-0-19/111 NH Op. Temp= -55 deg.C to +155 deg.C	RFCON1	1 PCS	HUBER + SCHNER (Singapore) Pte Ltd	81 MMBX-S50-0-19/111 NH	HUBER + SCHNER (Singapore) Pte Ltd			
438	54C00110004		Adhesive Tape, 3M-9482, T=0.05mm D=86.36mm		1 PCS	3M	9482PC	Applied Digital Systems Pte Ltd			
439	54C00110005		Adhesive Tape, 3M-9482, T=0.05mm 120x133.33mm		2 PCS	3M	9482PC	Applied Digital Systems Pte Ltd			
440	54C00110006		Copper Tape, 3M-1181, 1.4mil thick, D= 86.36mm		1 PCS	3M	1181	Applied Digital Systems Pte Ltd			
441	75B11026000		C-form, PF4, Dia=86.36, 0.25"		1 PCS	Cuming Microwave Corporation	210-6, C-form PF4 0.25"	Cuming Microwave Corporation			
442	75B11027000		C-form, PF4, 120mm x 133.33mm, 0.125"		1 PCS	Cuming Microwave Corporation	210-6, C-form PF4 0.125"	Cuming Microwave Corporation			
443	20K352M0101	101	Assembly Bluetooth Adapter Board PCBA, Lotus		1 SET	NA	NA	NA			
444	30L30091100		Bluetooth Adapter Board PCB, FR4, Tin Plated, 2L, 0.8T, 33mmx52mm		1 PCS	Lucky View PCB (HK) Ltd	-	Lucky View PCB (HK) Ltd			
445	37E77256001		METAL Bluetooth Module F-Antenna Lotus SPTE 23x9.88x0.2mm	ANT2000	1 PCS	Mostly Strong Precision Metal Int'l Ltd	37E77256001	Mostly Strong Precision Metal Int'l Ltd			
446	40H20060356		CONNECTOR Single Row Socket Female 6 Pins P=2.54mm H=8.5mm(1x6)[THI2 Series] Op. Temp= -40 deg.C to +105 deg.C	CON2000 CON2001	2 PCS	David Electronics Co. Ltd	THI2-06SG-RO	Applied Digital Systems (ADS) Pte Ltd			
447	46K00731024		MODULE BLUETOOTH 2.4 - 2.48GHz Class 1 Version 1.12.7 - 3.6V UART Host Interface PCM 115.2Kbps CSR Chipset ST-BCM05URT-00000 [BCM-05 Series] Op Temp= -25 deg.C to +75 deg.C	FP2000	1 PCS	Sunitec Enterprise Co., Ltd	ST-BCM05URT-00000	Excelpoint Systems (Pte) Ltd			
448	51F04500100		CAP 0402 SMT 10pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C2000 C2001 C2002 C2003 C2004 C2005 C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013 C2014 C2015 C2016 C2017 C2018 C2019 C2020 C2021 C2022 C2023 C2025 C2026 C2031 C2033	28 PCS	Walsin Technology Corp.	0402N100J500LT	Walsin Eletronics (S) Pte Ltd			
449	51M14501001		CAP 0402 SMT 1nF +/-10% 50V X7R Op. Temp= -55 deg.C to +125 deg.C	C2030 C2032	2 PCS	Walsin Technology Corp.	0402B102K500CT	Walsin Eletronics (S) Pte Ltd			

450	57F71240005		FILTER Bandpass SMD 1210 Multilayer Ceramic 2.4GHz ISM Band Working Frequency IL=2.5dB RFBPF3225150A3T [RFBPF Series] Op. Temp= -40 deg.C to +85 deg.C	FL2000	1	PCS	Walsin Technology Corp.	RFBPF3225150A3T	Walsin Electronics (S) Pte Ltd			
451	58G54000229		IND Multilayer 0402 Chip Ceramic SMT 22nH +/-5% DCR=0.70Ohm 300mA [LL1005-FHL Series] Op. Temp= 40 deg.C to +100 deg.C	L2000 L2001 L2002 L2003 L2004 L2005 L2006 L2007 L2008 L2009 L2010	11	PCS	Toko, Inc.	LL1005-FHL22NJ	JAS Components Singapore Pte Ltd			
452	58G9400180B		IND Multilayer 0402 Chip Ceramic SMT 1.8nH +/-0.3nH DCR=0.20Ohm 300mA [LL1005-FHL Series] Op. Temp= -55 deg.C to +125 deg.C	L2012	1	PCS	Toko, Inc.	LL1005-FHL1N8S	JAS Components Singapore Pte Ltd			
453	65L73000000		RES Thick Film Chip 0402 SMT 0 OHM 1/16W Op. Temp= -55 deg.C to +155 deg.C	L2011	1	PCS	Walsin Technology Corp.	WR04X000PTL	Walsin Electronics (S) Pte Ltd			
454	DNA		DNA CAP	C2024 C2027 C2028 C2029	4	PCS	NA	NA	NA			
455	20Q352X0030	030	<b>Assembly Connector Board PCBA, Rigger</b>		1	SET	NA	NA	NA			
456	30S300A0030		Connector Board PCB, FR4, HAL, 2L, 1.6T, 46mm x 88mm		1	SET	NA	NA	NA			
457	40570060432		CONNECTOR Sim Card Reader with Switch (Cover Type) SMT 6pins FMS006-0001 Series Dimension=(30.00x17.60x2.30)mm Op. Temp = -55 deg.C to +85 deg.C	CON1250	1	PCS	Yamaichi Electronics Co. Ltd	FMS006-0001(01)	Mapconn Singapore Pte Ltd			
458	40H11020436		CONNECTOR 2-Way Male Header, Through-Hole, 80V, 4A, P=2.5mm MCV 0,5 Series Op. Temp. = -20 deg. C to +100 deg. C	HDR1255	1	PCS	Phoenix Contact (SEA) Pte Ltd	MCV 0,5/ 2-G-2.5 (1881558)	Phoenix Contact (SEA) Pte Ltd			
459	40H11020438		CONNECTOR 2-Way Male Header, Through-Hole, 160V, 8A, P=3.5mm MCV 1,5 Series Op. Temp. = -20 deg. C to +100 deg. C	HDR1254	1	PCS	Phoenix Contact (SEA) Pte Ltd	MCV 1,5/ 2-G-3,5 (1843606)	Phoenix Contact (SEA) Pte Ltd			
460	40H11040437		CONNECTOR 4-Way Male Header, Through-Hole, 80V, 4A, P=2.5mm MCV 0,5 Series Op. Temp. = -20 deg. C to +100 deg. C	HDR1253	1	PCS	Phoenix Contact (SEA) Pte Ltd	MCV 0,5/ 4-G-2.5 (1881574)	Phoenix Contact (SEA) Pte Ltd			
461	51F05500100		CAP 0603 SMT 10pF +/-5% 50V NPO Op. Temp= -55 deg.C to +125 deg.C	C1250, C1252, C1253, C1254, C1256	5	PCS	Walsin Technology Corp.	0603N100J500LT	TNB Electronics Pte Ltd			
462	51F05500220		CAP 0603 SMT 22pF +/-5% 50V NPO, Op. Temp= -55 deg.C to +125 deg.C	C1255	1	PCS	Walsin Technology Corp.	0603N220J500NT	TNB Electronics Pte Ltd			
463	51M15161003		CAP 0603 SMT 0.1uF +/-10% 16V X7R Op. Temp= -55 deg.C to +125 deg.C	C1251	1	PCS	Walsin Technology Corp.	0603B104K160CT	TNB Electronics Pte Ltd			
464	55M27300155		DIODE Array RailClamp Low Capacitance TVS SMD 300W 5V 12A SRV05-4 SOT-23-6L Op. Temp= -55 deg.C to +125 deg.C	D1250	1	PCS	Semtech Corporation	SRV05-4.TCT	Achieva Components Pte Ltd			
465	DNA		DNA CONNECTOR 1*2*P3.5mm	HDR1256	1	PCS	NA	NA	NA			
466	DNA		DNA CONNECTOR 1*3*P2.5mm	HDR1257	1	PCS	NA	NA	NA			
467	DNA		DNA CONNECTOR 1*2*P2.5mm	HDR1258	1	PCS	NA	NA	NA			