



AH40.PrjPcb  
Printed Board Assembly (PBA) BOM  
Issue Date 25-Oct-19  
Reference frising  
Document Version 3  
PCB P001035257 Rev. A

Legend MPN Criteria:	
Undefined	Component(s) from any manufacturer may be used as long as they match the given description (+ classification properties if any).
Reference only	Component(s) from any manufacturer may be used as long as they match the specified reference component(s).
Multiple	Any of the specified components/manufacturers must be used. Consult ASSA ABLOY before using any other component/manufacture
Single	The specified component/manufacture must be used. Consult ASSA ABLOY before using any other component/manufacture
	"Manufacturer Product Information" explanation      Comma divides MPN and Manufacturer (MPN,Manufacturer). Plus divides two different MPN and Manufacturer (MPN1,Manufacturer1+MPN2,Manufacturer2)

Item	LibRef	Quantity	Value	Designator	Description	Manufacturer Product Information	Fitted	Variant	MPN Criteria	Remarks
1	P000226144-001-001	11	100nF	C406, C407, C408	CAP CER 0402 100nF 16V X7R 10%	C0402C104K4RACTU,Kemet	Fitted	AH40	Reference only	
2	P000211467-001-001	4	6.8pF	01, C202, C708, C	CAP CER 0402 6.8pF 50V C0G 0.5pF	CGA2B2C0G1H6R8D050BA,TDK Corporation	Fitted	AH40	Reference only	
3	P000226077-001-001	26	100nF	02, C703, C704, C	CAP CER 0402 100nF 10V X7R 10%	C0402C104K8RACTU,Kemet	Fitted	AH40	Reference only	
4	P000224203-001-001	5	4.7uF	C206, C213, C215	CAP CER 0603 4.7uF 16V X5R 10%	EMK107ABJ475KA-T,Taiyo Yuden	Fitted	AH40	Reference only	
5	P000227349-001-001	3	100nF	C300, C804, C809	CAP CER 0805 100nF 100V X7R 10%	C0805C104K1RACTU,Kemet	Fitted	AH40	Reference only	
6	P000228627-001-001	2	4.7uF	C301, C825	CAP CER 1210 4.7uF 50V X7R 10%	C1210C475K5RACTU,Kemet	Fitted	AH40	Reference only	
7	P000226123-001-001	1	2.7nF	C304	CAP CER 0402 2.7nF 16V X7R 10%	C0402C272K4RACTU,Kemet	Fitted	AH40	Reference only	
8	P000226254-001-001	1	3.3nF	C305	CAP CER 0402 3.3nF 50V X7R 10%	C0402C332K5RACTU,Kemet	Fitted	AH40	Reference only	
9	P000224251-001-001	1	47uF	C306	CAP CER 1210 47uF 16V X5R 20%	C1210C476M4PACTU,Kemet+GRM32ER61C476ME15L,Murata	Fitted	AH40	Reference only	
10	P000224206-001-001	1	2.2uF	C307	CAP CER 0603 2.2uF 25V X5R 10%	GRM188R61E225KA12D,Murata	Fitted	AH40	Reference only	
11	P000211569-001-001	3	2.2uF	C308, C311, C313	CAP CER 0603 2.2uF 10V X7R 10%	GRM188R71A225KE15D,Murata	Fitted	AH40	Reference only	
12	P000226448-001-001	3	1uF	C309, C310, C312	CAP CER 0603 1uF 10V X7R 10%	C0603C105K8RACTU,Kemet	Fitted	AH40	Reference only	
13	P000227726-001-001	2	10uF	C403, C404	CAP CER 1206 10uF 16V X7R 10%	C1206C106K4RACTU,Kemet	Fitted	AH40	Reference only	
14	P000291211-001-001	1	1uF	C411	CAP CER 0603 1uF 16V X7R 10%	C0603C105K4RACTU,Kemet	Fitted	AH40	Reference only	
15	P000224561-001-001	2	4.7uF	C500, C504	CAP CER 0402 4.7uF 10V X5R 20%	C1005X5R1A475M050BC,TDK Corporation	Fitted	AH40	Reference only	
16	P000226138-001-001	2	33nF	C501, C505	CAP CER 0402 33nF 16V X7R 10%	C0402C333K4RACTU,Kemet	Fitted	AH40	Reference only	
17	P000226293-001-001	3	1nF	C502, C506, C510	CAP CER 0402 1nF 50V C0G 5%	GRM1555C1H102JA01D,Murata	Fitted	AH40	Reference only	
18	P000226269-001-001	1	15pF	C503	CAP CER 0402 15pF 50V C0G 5%	GRM1555C1H150JA01D,Murata+C0402C150J5GACTU,Kemet	Fitted	AH40	Reference only	
19	P001014333-001-001	2	2.7pF	C507, C508	CAP CER 0402 2.7pF 50V C0G 0.1pF (high Q)	GJM1555C1H2R7BB01D,Murata	Fitted	AH40	Single	
20	P001032792-001-001	5	39pF	C512, C513, C514	CAP CER 0402 39pF 50V C0G 5% (high Q)	GJM1555C1H390JB01D,Murata	Fitted	AH40	Single	
21	P000226248-001-001	3	1nF	C515, C516, C806	CAP CER 0402 1nF 50V X7R 10%	C0402C102K5RACTU,Kemet	Fitted	AH40	Reference only	
22	P000224205-001-002	5	10pF	C717, C718, C719	CAP CER 0402 10pF 50V C0G 5%	CL05C100JB5NNNC,Samsung	Fitted	AH40	Single	
23	P000224207-001-001	1	1uF	C713	CAP CER 0402 1uF 10V X5R 10%	GRM155R61A105KE15D,Murata+C0402C105K8PACTU,Kemet	Fitted	AH40	Reference only	
24	P000211550-001-001	2	22nF	C706, C707	CAP CER 0603 22nF 100V X7R 10%	GCM188R72A223KA37D,Murata	Fitted	AH40	Reference only	
25	P000907258-001-001	1	1nF	C710	CAP CER 1206 1nF 2kV X7R 10%	CC1206KKX7RDBB102,Yageo	Fitted	AH40	Reference only	
26	P000211615-001-001	2	4.7uF	C711, C723	CAP CER 0603 4.7uF 10V X5R 10%	CC0603KRX5R6BB475,Yageo+LMK107BJ475KA-T,Taiyo Yuden+GRM188R61A475KE15D,	Fitted	AH40	Reference only	
27	P000226243-001-001	1	470pF	C712	CAP CER 0402 470pF 50V X7R 10%	C0402C471K5RACTU,Kemet	Fitted	AH40	Reference only	
28	P000486560-001-001	2	2.2nF	C722, C800	CAP CER 1812 2.2nF 2kV X7R 10%	C4532X7R3D222K130KA,TDK Corporation	Fitted	AH40	Reference only	
29	P000486566-001-001	1	22uF	C801	CAP ALUM Case F 22uF 100V 20% SMD	EEEFK2A220P,Panasonic+UCD2A220MNL1GS,Nichicon+VZH220M2ATR-0810,Lelon+8650	Fitted	AH40	Multiple	
30	P000228708-001-001	2	2.2uF	C802, C803	CAP CER 1210 2.2uF 100V X7R 10%	C1210C225K1RACTU,Kemet	Fitted	AH40	Reference only	
31	P001065303-001-001	1	47pF	C805	CAP CER 0603 47pF 100V C0G 10%	C0603C470K1GACTU,Kemet	Fitted	AH40	Reference only	
32	P000228538-001-001	1	10uF	C807	CAP CER 1210 10uF 25V X7R 10%	C1210C106K3RACTU,Kemet	Fitted	AH40	Reference only	
33	P000226598-001-001	2	1uF	C808, C813	CAP CER 0603 1uF 25V X7R 10%	C0603C105K3RACTU,Kemet	Fitted	AH40	Reference only	
34	P000227816-001-001	3	10uF	C810, C811, C812	CAP CER 1206 10uF 25V X7R 10%	C1206C106K3RACTU,Kemet	Fitted	AH40	Reference only	
35	P000226764-001-001	1	330pF	C814	CAP CER 0603 330pF 200V X7R 10%	C0603C331K2RACTU,Kemet	Fitted	AH40	Reference only	
36	P000226708-001-001	2	1nF	C815, C816	CAP CER 0603 1nF 100V X7R 10%	C0603C102K1RACTU,Kemet	Fitted	AH40	Reference only	
37	P000226241-001-001	1	330pF	C818	CAP CER 0402 330pF 50V X7R 10%	C0402C331K5RACTU,Kemet	Fitted	AH40	Reference only	
38	P000224246-001-001	2	100nF	C819, C823	CAP CER 0603 100nF 16V X7R 10%	C0603C104K4RACTU,Kemet	Fitted	AH40	Reference only	
39	P000226502-001-001	1	10nF	C820	CAP CER 0603 10nF 16V X7R 10%	C0603C103K4RACTU,Kemet	Fitted	AH40	Reference only	
40	P000224205-001-001	1	10pF	C821	CAP CER 0402 10pF 50V C0G 5%	C0402C100J5GACTU,Kemet	Fitted	AH40	Reference only	
41	P000226129-001-001	1	6.8nF	C822	CAP CER 0402 6.8nF 16V X7R 10%	C0402C682K4RACTU,Kemet	Fitted	AH40	Reference only	
42	P000226665-001-001	1	100nF	C824	CAP CER 0603 100nF 50V X7R 10%	C0603C104K5RACTU,Kemet	Fitted	AH40	Reference only	
43	P000211589-001-001	1	RED_YELLOW/GR	D200	LED bi-color red/yellow-green PLCC4 16mcd/20mcd(@2	HSMF-A201-A00J1,Broadcom Limited (former Avago Technologies)	Fitted	AH40	Single	
44	P000989801-001-001	2	SDM1U40CSP	D300, D801	Schottky diode 40V 1A DFN2 0.49V(@1A) 100µA(@40V	SDM1U40CSP-7,Diodes Inc.+NSR10F40NXT5G,ON Semiconductor	Fitted	AH40	Multiple	
45	P000211373-001-001	1	BAT54AW	D400	Schottky diode x2 30V 200mA SC70 common anode 0.8	BAT54-06W,Infineon+BAT54AWT1G,ON Semiconductor+BAT54AW,Nexperia	Fitted	AH40	Multiple	
46	P001002610-001-001	1	RCLAMP3374N	D700	TVS array 4 channel unidir 3.3V 5pF DFN10 1kW(8/20u	RCLAMP3374N.TCT,Semtech	Fitted	AH40	Single	
47	P001039403-001-001	1	MURA120	D800	Diode 200V 1A SMA 35ns 47pF(@0V)	MURA120T3G,ON Semiconductor	Fitted	AH40	Single	
48	P001031937-001-001	2	SDM160S1F	D802, D807	Schottky diode 60V 1A SOD123F 0.57V(@1A) 60µA(@	RB160MM-60TR,ROHM+SDM160S1F-7,Diodes Inc.+STPS1L60ZF,STMicroelectronics	Fitted	AH40	Multiple	
49	P000486216-001-001	1	MMSD4148	D803	Diode 100V 200mA SOD123 4ns 4pF(@0V)	1N4148W-7-F,Diodes Inc.+BAS16GWX,Nexperia+MMSD4148T1G,ON Semiconductor	Fitted	AH40	Multiple	
50	P000486584-001-001	1	SMAJ58A	D804	TVS Zener unidir 64.4V SMA 400W(10/1000us)	SMAJ58A-E3/61,Vishay+SMAJ58A,Bourns+SMAJ58A,Littelfuse+SMAJ58A-13-F,Diodes Inc.	Fitted	AH40	Multiple	
51	P000486591-001-001	1	BAT54S	D805	Schottky diode x2 30V 200mA SOT23 serial 0.8V(@100	BAT54S-7-F,Diodes Inc.+BAT54-04,Infineon+BAT54S-E3-08,Vishay+BAT54S,Nexperia+BAT	Fitted	AH40	Multiple	
52	P000486596-001-001	1	TL431AIDBZ	D806	Shunt regulator (adjustable), 2.5-36V ±1%, 100mA, SOT	TL431AIDBZR,Texas Instruments	Fitted	AH40	Single	
53	P001015521-001-001	1	SMAJ30CA	D808	TVS Zener bidir 33.3V SMA 400W(10/1000us)	SMAJ30CA-13-F,Diodes Inc.+SMAJ30CA,Littelfuse+SMAJ30CA-E3/61,Vishay+SMAJ30CA,B	Fitted	AH40	Multiple	
54	P001081079-001-001	1	F0.5A	F800	Thin film chip fuse, 0.5A, 50V, 232mohm, 0.009A²s, 060	SF-0603S050-2,Bourns	Fitted	AH40	Single	
55	P000911286-001-001	1	TPS23753APW	IC800	DC/DC switching controller (current-mode) + PoE/PD int	TPS23753APWR,Texas Instruments	Fitted	AH40	Single	
56	P000486661-001-001	1	FODM124V	IC801	Optocoupler 100-1200%(@1mA) 3.75kV MFP4 80V/80n	FODM124R2V,ON Semiconductor (former Fairchild)	Fitted	AH40	Single	
57	P000997641-001-001	2	PIN1x3RA	J200, J400	Pin header, 1x3 pins, 2.0mm pitch, right angle, thru hole	951103-7622-AR,3M	Fitted	AH40	Reference only	
58	P001032128-001-001	1	P000904116	J500	2.4GHz Bluetooth, Wi-Fi, WLAN cross polarized RF ant	P000904116-ANT,Shared Technologies	Fitted	AH40	Single	
59	P000770696-001-001	1	50 Ohm	J501	RF connector, SMA right angle PCB jack, 50ohm, 3GHz	JC3.660.3204,YANGZHOU JINGCHENG ELECTRONICS	Fitted	AH40	Single	
60	P000908994-001-001	1	7499211125	J700	Connector RJ45 with magnetics, 1-port, PoE, 10/100Bas	7499211125,Würth Elektronik	Fitted	AH40	Single	
61	P000911023-001-001	1	PNB02 4151 000	J800	Terminal block - PCB header, 1x2 pos, 3.5mm pitch, ver	284514-2,TE Connectivity+691321100002,Würth Elektronik+PNB02 4151 000,Natconn	Fitted	AH40	Reference only	
62	P000211391-001-001	5	Ferr 330ohm	L301, L302, L700,	Chip ferrite bead, 330ohm@100MHz, 1.5A, 70mohm, 06	BLM18SG331TN1D,Murata	Fitted	AH40	Single	
63	P001031829-001-001	1	68uH	L300	Power Inductor (shielded/wirewound) 68uH ±20%, 900m	VLS5045EX-680M,TDK Corporation	Fitted	AH40	Single	
64	P001013696-001-001	1	1.5nH	L500	RF Inductor (unshielded/multilayer) 1.5nH ±0.1nH, 1.0A,	MHQ1005P1N5BT000,TDK Corporation	Fitted	AH40	Single	
65	P000991848-001-001	1	1.1nH	L501	RF Inductor (unshielded/multilayer) 1.1nH ±0.1nH, 1.2A,	MHQ1005P1N1BT000,TDK Corporation	Fitted	AH40	Single	

66	P000991833-001-001	1	1nH	L502	RF Inductor (unshielded/multilayer) 1.0nH ±0.1nH, 1.2A	MHQ1005P1N0BT000,TDK Corporation	Fitted	AH40	Single	
67	P000987489-001-001	1	3.3uH	L800	Power Inductor (shielded/wirewound) 3.3uH ±20%, 2.63	VLS3012HBX-3R3M,TDK Corporation	Fitted	AH40	Single	
68	P000211312-001-001	1	2.2uH	L801	Power Inductor (shielded/wirewound) 2.2uH ±20%, 1.8A	744025002,Würth Elektronik	Fitted	AH40	Single	
69	P001053302-001-001	2	Ferr 850ohm	L802, L804	Chip ferrite bead, 850ohm@100MHz, 1.5A, 100mohm, 1	74279244,Würth Elektronik	Fitted	AH40	Single	
70	P001015289-001-001	1	10uH	L805	Power Inductor (semi-shielded/wirewound) 10uH ±20%,	SRN3012TA-100M,Bourns	Fitted	AH40	Single	
71	P000211387-001-001	1	BC847BV	Q500	NPN x2 45V 100mA SC89-6 200-450(@2mA/5V) 100m	BC847BV-TP,Micro Commercial Components+BC847BVC-7,Diodes Inc.+BC847BV,Nexperia	Fitted	AH40	Multiple	
72	P000229689-001-001	1	40k2	R100	RES 0402 40k2 50V 1% 0.1W	RK73H1ETTP4022F,KOA	Fitted	AH40	Reference only	
73	P000229595-001-001	11	10k0	R220, R304, R400	RES 0402 10k0 50V 1% 0.1W	RK73H1ETTP1002F,KOA	Fitted	AH40	Reference only	
74	P000227202-001-001	5	127R	R206, R212, R214	RES 0402 127R 50V 1% 0.1W	RK73H1ETTP1270F,KOA	Fitted	AH40	Reference only	
75	P000224209-001-001	5	100k	R208, R209, R210	RES 0402 100k 50V 1% 0.1W	RK73H1ETTP1003F,KOA	Fitted	AH40	Reference only	
76	P000229697-001-001	1	47k0	R218	RES 0402 47k0 50V 1% 0.1W	RK73H1ETTP4702F,KOA	Fitted	AH40	Reference only	
77	P000224215-001-001	5	0R	R403, R504, R505	RES 0402 0R	RK73Z1ETTP,KOA	Fitted	AH40	Reference only	
78	P000226454-001-001	10	33R0	24, R225, R226, R	RES 0402 33R0 50V 1% 0.1W	RK73H1ETTP33R0F,KOA	Fitted	AH40	Reference only	
79	P000229776-001-001	2	237k	R300, R305	RES 0402 237k 50V 1% 0.1W	RK73H1ETTP2373F,KOA	Fitted	AH40	Reference only	
80	P000229674-001-001	1	30k9	R301	RES 0402 30k9 50V 1% 0.1W	RK73H1ETTP3092F,KOA Speer	Fitted	AH40	Reference only	
81	P000229720-001-001	1	73k2	R302	RES 0402 73k2 50V 1% 0.1W	RK73H1ETTP7322F,KOA	Fitted	AH40	Reference only	
82	P000229706-001-001	1	56k0	R303	RES 0402 56k0 50V 1% 0.1W	RK73H1ETTP5602F,KOA Speer	Fitted	AH40	Reference only	
83	P000229174-001-001	2	4k70	R500, R501	RES 0402 4k70 50V 1% 0.1W	RK73H1ETTP4701F,KOA	Fitted	AH40	Reference only	
84	P000229677-001-001	2	33k0	R502, R503	RES 0402 33k0 50V 1% 0.1W	RK73H1ETTP3302F,KOA	Fitted	AH40	Reference only	
85	P000226201-001-001	1	21R0	R506	RES 0402 21R0 50V 1% 0.1W	RK73H1ETTP21R0F,KOA Speer	Fitted	AH40	Reference only	
86	P000227565-001-001	2	255R	R507, R508	RES 0402 255R 50V 1% 0.1W	RK73H1ETTP2550F,KOA Speer	Fitted	AH40	Reference only	
87	P000226696-001-001	4	49R9	00, R701, R703, R	RES 0402 49R9 50V 1% 0.1W	RK73H1ETTP49R9F,KOA	Fitted	AH40	Reference only	
88	P000228424-001-001	1	1k20	R702	RES 0402 1k20 50V 1% 0.1W	RK73H1ETTP1201F,KOA	Fitted	AH40	Reference only	
89	P000228336-001-001	1	1k00	R807	RES 0402 1k00 50V 1% 0.1W	RK73H1ETTP1001F,KOA	Fitted	AH40	Reference only	
90	P000229629-001-001	1	12k1	R708	RES 0402 12k1 50V 1% 0.1W	RK73H1ETTP1212F,KOA	Fitted	AH40	Reference only	
91	P000227312-001-001	1	160R	R709	RES 0402 160R 50V 1% 0.1W	RK73H1ETTP1600F,KOA	Fitted	AH40	Reference only	
92	P000226927-001-001	2	75R0	R710, R711	RES 0402 75R0 50V 1% 0.1W	RK73H1ETTP75R0F,KOA	Fitted	AH40	Reference only	
93	P000227950-001-001	1	499R	R713	RES 0402 499R 50V 1% 0.1W	RK73H1ETTP4990F,KOA Speer	Fitted	AH40	Reference only	
94	P000225714-001-001	1	160k	R800	RES 0805 160k 150V 1% 0.25W	RK73H2ATTD1603F,KOA	Fitted	AH40	Reference only	
95	P000224356-001-001	1	24R0	R801	RES 0603 24R0 75V 1% 0.125W	RK73H1JTTD24R0F,KOA	Fitted	AH40	Reference only	
96	P000224249-001-001	1	10R0	R802	RES 0603 10R0 75V 1% 0.125W	RK73H1JTTD10R0F,KOA	Fitted	AH40	Reference only	
97	P000229663-001-001	1	24k9	R803	RES 0402 24k9 50V 1% 0.1W	RK73H1ETTP2492F,KOA	Fitted	AH40	Reference only	
98	P000225273-001-001	1	47R0	R804	RES 0805 47R0 150V 1% 0.25W	RK73H2ATTD47R0F,KOA	Fitted	AH40	Reference only	
99	P000988393-001-001	1	0R56	R805	RES 0805 0R56 1% 0.25W	RCWE0805R560FKEA,Vishay	Fitted	AH40	Reference only	
100	P000932718-001-001	1	82R0	R806	RES 0805 82R0 150V 1% 0.5W (pulse proof / high pow	CRCW080582R0FKEAHP,Vishay	Fitted	AH40	Reference only	
101	P000228457-001-001	1	1k27	R808	RES 0402 1k27 50V 1% 0.1W	RK73H1ETTP1271F,KOA	Fitted	AH40	Reference only	
102	P000224241-001-001	1	0R	R809	RES 0603 0R	RK73Z1JTTD,KOA	Fitted	AH40	Reference only	
103	P000229710-001-001	1	60k4	R810	RES 0402 60k4 50V 1% 0.1W	RK73H1ETTP6042F,KOA	Fitted	AH40	Reference only	
104	P000228688-001-001	1	2k00	R811	RES 0402 2k00 50V 1% 0.1W	RK73H1ETTP2001F,KOA	Fitted	AH40	Reference only	
105	P000229086-001-001	1	4k02	R814	RES 0402 4k02 50V 1% 0.1W	RK73H1ETTP4021F,KOA	Fitted	AH40	Reference only	
106	P000229207-001-001	1	4k99	R815	RES 0402 4k99 50V 1% 0.1W	RK73H1ETTP4991F,KOA	Fitted	AH40	Reference only	
107	P000229638-001-001	1	15k0	R816	RES 0402 15k0 50V 1% 0.1W	RK73H1ETTP1502F,KOA	Fitted	AH40	Reference only	
108	P000228732-001-001	1	2k20	R817	RES 0402 2k20 50V 1% 0.1W	RK73H1ETTP2201F,KOA	Fitted	AH40	Reference only	
109	P000888230-001-001	1	ADTS648RV	S100	Tactile switch SPST-NO, top actuated red square button	ADTS648RV.APEM	Fitted	AH40	Single	
110	P000911673-001-001	1	FDC2512	T800	NFET 150V 1.4A SSOT6 475mohm(@6V) 8nC(@10V) 2	FDC2512,ON Semiconductor (former Fairchild)	Fitted	AH40	Single	
111	P000998935-001-001	1	POE70P-12L	TR800	Transformer flyback PoE, 36-72V/250kHz, 12V/0.6A, 15	POE70P-12LD,Coilcraft	Fitted	AH40	Single	
112	P001007592-001-001	1	STM32F417VGT6	U200	MCU 32-bit ARM Cortex-M4, 1MB Flash, 192kB SRAM,	STM32F417VGT6,STMicroelectronics	Fitted	AH40	Single	
113	P000891994-001-001	1	W25Q64JVZPIQ	U201	Serial NOR Flash memory, SPI (Dual/Quad I/O), 133MH	W25Q64JVZPIQ,Winbond	Fitted	AH40	Single	
114	P000211957-001-001	1	TPS54040ADRC	U300	DC/DC switching regulator, buck converter, 0.1-2.5MHz	TPS54040ADRCR,Texas Instruments	Fitted	AH40	Single	
115	P001014461-001-001	1	MIC5365-3.0YD5	U301	LDO regulator (fixed), 3.0V ±3%, 150mA, 155mVdo, 29u	MIC5365-3.0YD5-TR,Microchip Technology	Fitted	AH40	Single	
116	P001002756-001-001	1	MIC5365-1.2YD5	U302	LDO regulator (fixed), 1.2V ±3%, 150mA, 180mVdo, 29u	MIC5365-1.2YD5-TR,Microchip Technology	Fitted	AH40	Single	
117	P001003874-001-001	1	CC2652R1FRGZ	U400	2.4GHz transceiver, multi-protocol, 32-bit ARM Cortex-M	CC2652R1FRGZR,Texas Instruments	Fitted	AH40	Single	
118	P000991802-001-001	1	SKY66114-11	U500	RF 2.4GHz Front End Module (FEM) for BLE/802.15.4/Z	SKY66114-11,Skyworks Solutions	Fitted	AH40	Single	
119	P000211641-001-001	2	MASWSS0115	U501, U502	RF switch SPDT, 3GHz 22dB SC70-6 (GaAs pHEMT)	MASWSS0115TR-3000,MACOM	Fitted	AH40	Single	
120	P000211606-001-001	1	LAN8720Ai	U700	Ethernet PHY transceiver (IEEE 802.3), RMII, single por	LAN8720Ai-CP-TR,Microchip Technology	Fitted	AH40	Single	
121	P000224210-001-001	1	32.768kHz, 7pF	X200	Crystal 32.768kHz, 7pF, ±20ppm, 70kohm, 0.5µW, -40°	ABS07-32.768KHZ-7-T,Abracon Corporation+9HT10-32.768KDZY-T,TXC Corporation+Q13F	Fitted	AH40	Multiple	
122	P000211990-001-001	1	25MHz, 10pF	X700	Crystal 25MHz, 10pF, ±10ppm, ±10ppm, 40ohm, 200µW	X1E000021013300,Epson+ECS-250-10-33B-CKM-TR,ECS	Fitted	AH40	Multiple	
123	P001014421-001-001	1	48MHz, 8pF	Y400	Crystal 48MHz, 8pF, ±10ppm, ±15ppm, 40ohm, 100µW,	ABM8-48.000MHz-8-D1G-T3,Abracon Corporation+ECS-480-8-33B-CWN-TR,ECS+X1E0000	Fitted	AH40	Multiple	
124	P000989799-001-001	1	2450BM14G0011	Z500	Balun (RF transformer 1:2), 2450±50MHz, 1.5dB, 50ohm	2450BM14G0011T,Johanson Technology	Fitted	AH40	Single	
125	P000992506-001-001	1	SAFFB2G45MA0F0	Z501	SAW filter for 2.45GHz 2.0dB insertion loss, SMD-5 1.1	SAFFB2G45MA0F0A,Murata	Fitted	AH40	Single	
126	P000224208-001-001	0	10uH	L400	Power Inductor (shielded) 10uH ±20%, 350mA, 611moh	MLZ2012M100WT000,TDK Corporation	Not Fitted	AH40	Single	
127	P000228627-001-001	0	4.7uF	C302, C826	CAP CER 1210 4.7uF 50V X7R 10%	C1210C475K5RACTU,Kemet	Not Fitted	AH40	Reference only	
128	P001030567-001-001	0	8pF	C400, C401	CAP CER 0402 8pF 50V C0G 0.25pF	GCM1555C1H8R0CA16D,Murata+CL05C080CB5NNNC,Samsung	Not Fitted	AH40	Reference only	
129	P000224205-001-001	0	10pF	17, C518, C519, C	CAP CER 0402 10pF 50V C0G 5%	C0402C100J5GACTU,Kemet	Not Fitted	AH40	Reference only	
130	P000891728-001-001	0	SFM2x7	J600, J601	Pin socket, 2x7 sockets, 1.27mm pitch, straight, SMD, 3	SFM-107-02-S-D-A,Samtec	Not Fitted	AH40	Single	
131	P000996755-001-001	0	33nH	L503	RF Inductor (unshielded) 33nH ±5%, 350mA, 580mohm,	LQG15HS33NJ02D,Murata	Not Fitted	AH40	Single	
132	P000486951-001-001	0	744272102	L803	Common mode choke (dual signal line filter), 950mA, 80	744272102,Würth Elektronik	Not Fitted	AH40	Single	
133	P000224209-001-001	0	100k	01, R202, R203, R	RES 0402 100k 50V 1% 0.1W	RK73H1ETTP1003F,KOA	Not Fitted	AH40	Reference only	
134	P000229595-001-001	0	10k0	R213, R215	RES 0402 10k0 50V 1% 0.1W	RK73H1ETTP1002F,KOA	Not Fitted	AH40	Reference only	
135	P000891795-001-001	0	S0951-46R	2, SH403, SH404,	RFI shield clip for 0.2mm thick shield can, vertical, Tin o	S0951-46R,Harwin Inc.	Not Fitted	AH40	Single	
136	P000229595-001-001	0	10k0	R705	RES 0402 10k0 50V 1% 0.1W	RK73H1ETTP1002F,KOA	Not Fitted	AH40	Reference only	
137	P000224207-001-001	0	1uF	C705	CAP CER 0402 1uF 10V X5R 10%	GRM155R61A105KE15D,Murata+C0402C105K8PACTU,Kemet	Not Fitted	AH40	Reference only	