

51H40484-05M (PCBA-MAIN BOARD with SKU_ID,GSM Quad Band/BC2/BC5,w/o_Regional_ID,Iolite)(B02) (TW) Engineering Bill Of Material Structure Report

Level	Number	Description	View	Revision	Unit	Qty	Location	Substitute	Substitute Remark
1	10H00036-03M	CC,0.47uF,6.3V,+/-10%,X5R,0402,K0402X474KCT,PAN OVERSEAS		A	each	2	PAC49 PAC55		
1	10H00047-00M	RF CC,1.2pF,50V,+/-0.1pF,COG,0402,GJM1555C1H1R2B,MURATA		A01	each	1	RAL26		
1	10H00053-00M	RF CC,1.5pF,+/-0.1pF,50V,COG,GJM1555C1H1R5B,MURATA		A01	each	4	RAL2 RAL50 RAL53 RAC183		
1	10H00056-00M	CC,0.01uF,6.3V,+/-10%,0201,X7R,GRM033R70J103K,MURATA		A	each	2	RAC57 RAC58		
1	10H00057-00M	CC,1000pF,16V,+/-10%,0201,X7R,GRM033R71C102K,MURATA		A	each	7	RAC7 RWC7 RAC50 RAC55 RWC19 RWC28 RAC167		
1	10H00058-01M	CC,68pF,25V,+/-5%,COG,0201,GRM0335C1E680J,MURATA		A	each	1	RAC208		
1	10H00060-00M	CC,22pF,25V,+/-5%,0201,COG,GRM0335C1E220J,MURATA		A	each	18	RAC2 RAC9 RAC12 RAC15 RAC16 RAC19 RAC25 RAC49 RAC108 RAC109 RAC155 RAC156 RAC158 RAC164 RAC187 RAC216 RAC217 RAC219		
1	10H00061-00M	CC,100pF,25V,+/-5%,0201,COG,GRM0335C1E101J,MURATA		A	each	20	RAC5 RGC2 RAC23 RAC27 RAC29 RAC31 RAC33 RAC35 RAC37 RAC39 RAC41 RAC45 RAC48 RAC59 RAC66 RAC95 RBC14 RWC24 RAC184 RAC206		
1	10H00068-01M	CC,22nF,6.3V,+/-10%,X5R,0201,GRM033R60J223K,MURATA		A	each	1	RAR71		
1	10H00086-02M	CC,1uF,6.3V,+/-10%,0402,X5R,JMK105BJ105KV,TAIYO YUDEN		A	each	22	RBC3 RBC4 RWC1 RWC2 RWC4 RWC5 RWC8 AAC14 AAC21 AAC23 AAC25 AAC30 AAC32 LAC19 LAC20 PAC54 RBC10 RBC11 RBC12 RWC25 LAC151 LAC152	10H00086-06M	
1	10H00087-00M	CC,0.22uF,6.3V,X5R,0402,+/-20%,Pb-FREE,GRM155R60J224M,MURATA		A01	each	1	PAC51		
1	10H00096-03M	CC,4.7uF,6.3V,+/-10%,0603,X5R,JMK107BJ475KA-T,TAIYO YUDEN,85/-55degC,1.6*0.8*0.8mm		A	each	8	PAC6 PAC15 PAC19 PAC23 PAC27 PAC36 RAC10 RAC21		

1	10H00106-00M	CC,3.9pF,25V,+/- 0.25pF,0402,ECDG0E3R9C,PANASONIC,Pb- FREE,125/-55degC	A01	each	1	RAC150	
1	10H00110-00M	RF CC,50V,33pF,+/- 5%,GRM1555C1H330JZ01B,Murata,1*0.5*0.5,125/- 55degC,Pb-FREE	A01	each	13	EAC7 EAC8 RGC8 RGC9 EAC15 EAC45 RAC101 RAC106 RAC149 RAC186 RAC207 RAC210 RAC221	
1	10H00114-00M	CC,3.9pF,50V,+/- 0.25pF,NPO,0402,223886915398,PHYCOMP,Pb- FREE	A01	each	1	RAR60	
1	10H00128-00M	CC,0.1uF,6.3V,+/- 20%,X5R,0201,GRM033R60J104M,Murata	A	each	1	PAC37	
1	10H00133-00M	CC,5.6pF,50V,+/- 0.1pF,0402,NPO,GJM1555C1H5R6B,Murata	A	each	1	RAC193	
1	10H00134-00M	CC,6.8pF,50V,+/- 0.1pF,0402,NPO,GJM1555C1H6R8B,Murata	A	each	1	RAC192	
1	10H00144-00M	CC,1uF,25V,+/- 20%,0603,X5R,ECJ1VB1E105M,Panasonic,85/- 55degC	A	each	2	PAC2 PAC52	
1	10H00148-00M	CC,8.2pF,+/- 0.5pF,50V,0402,NPO,GRM1555C1H8R2D,MURAT A	A	each	1	RAC211	
1	10H00160-00M	CC,10uF,10ohm,6.3V,+/- 20%,C0603,X5R,ECJ1VB0J106M,PANASONIC,1.7* 0.9*0.9mm	A	each	1	RWC100	
1	10H00160-02M	CC,10uF,6.3V,+/- 20%,X5R,0603,JMK107BJ106MA,TAIYO YUDEN	A	each	6	PAC12 PAC13 PAC14 RAC13 RAC20 RAC43	
1	10H00163-00M	CC,12pF,25V,+/- 5%,0201,COG,GRM0335C1E120J,MURATA	A	each	2	LAC24 LAC25	
1	10H00164-00M	CC,33pF,25V,+/- 5%,COG,0201,GRM0335C1E330J,MURATA	A	each	31	EAC6 RGC3 EAC23 EAC37 EAC38 EAC39 EAC40 EAC41 EAC42 EAC43 EAC44 EAC46 EAC47 EAC69 EAC70 EAC71 EAC72 EAC75 EAC76 EAC78 EAC79 PAC38 RAC53 RWC22 RAC168 RAC174 RAC175 RAC177 RAC179 RAC182 RAC188	
1	10H00169-00M	CC,2200pF,10V,+/- 10%,X5R,0201,GRM033R61A222K,MURATA	A	each	1	EAC1	

1	10H00175-00M	CC,39pF,25V,C0G,0201,C0603C0G1E390JT,TDK,125/-55degC		A	each	1	AAC24		
1	10H00176-00M	CC,220pF,25V,X5R,0201,C0603X5R1E221KT,TDK,85/-55degC		A	each	1	RWC30		
1	10H00178-00M	CC,0.1uF,6.3V,X5R,0201,C0603X5R0J104KT,TDK,85/-55degC		A	each	58	AAC5 AAC6 AAC8 LAC3 LAC4 LAC5 LAC6 LAC7 LAC8 LQC1 LQC2 PAC7 RAC3 RWC3 RWC6 RWC9 AAC11 AAC12 AAC13 AAC29 AAC36 EAC17 EAC18 EAC20 EAC25 EAC26 EAC27 EAC28 EAC29 EAC31 EAC32 EAC34 EAC48 EAC49 EAC55 EAC63 EAC64 EAC68 EAC73 EAC74 EAC77 LAC10 LAC11 LAC12 LAC13 LAC14 LAC21 PAC18 PAC42 PAC53 RAC54 RAC67 RWC10 RWC11 RWC12 EAC114 EAC115 RAC176		
1	10H00178-01M	CC,0.1uF,GRM033R60J104K,MURATA,X5R,0201,6.3V,85/-55degC		A	each	4	RBC1 RBC2 RBC5 RBC6		
1	10H00178-03M	CC,0.1uF,6.3V,X5R,0201,JMK063BJ104KP-F,TAIYO YUDEN		A	each	21	RAC1 RAC4 RAC6 RAC8 RAC11 RAC14 RAC17 RAC18 RAC22 RAC24 RAC26 RAC28 RAC30 RAC32 RAC34 RAC36 RAC38 RAC40 RAC44 RAC46 RAC47	10H00178-00M,10H00178-01M,10H00178-02M,10H00178-04M,10H00178-05M,10H00178-06M,10H00178-07M,10H00178-08M	
1	10H00181-00M	CC,10uF,4V,+/-20%,X5R,0603,AMK107BJ106MA-T,TAIYO YUDEN,85/-55degC		A	each	1	AAC38		
1	10H00193-00M	CC,390pF,25V,+/-10%,0201,X7R,GRM033R71E391K,MURATA		A	each	1	RBC7		
1	10H00205-00M	CC,33000pF,+/-10%,6.3V,0201,X5R,GRM033R60J333KE01D,MURATA,85/-55degC,0.6*0.3*0.3mm		A	each	1	RAC56		
1	10H00208-00M	CC,68000pF,+/-10%,6.3V,0201,X5R,GRM033R60J683KE19D,MURATA,85/-55degC,0.6*0.3*0.3mm		A	each	1	PAC5		
1	10H00355-01M	CC,2.2uF,+/-20%,6.3V,C0402,X5R,JMK105BJ225MV,TAIYO YUDEN		A	each	29	LAC2 LAC9 PAC3 PAC4 AAC37 EAC36 LAC15 LAC17 PAC20 PAC21 PAC22 PAC24 PAC25 PAC26 PAC28 PAC29 PAC30 PAC31 PAC32 PAC33 PAC34 PAC35 PAC39 PAC43 PAC44 PAC45 PAC50 RAC51 RWC27		
1	10H00356-00M	CC,10nF,10V,+/-10%,0201,X5R,GRM033R61A103K,MURATA		A	each	6	LAC1 RAC52 RWC13 RWC18 RAC165 RAC166		

1	10H00404-00M	CC,4.7pF,25V,+/- 0.25pF,COG,0201,GRM0335C1E4R7C,MURATA		A	each	9	EAC3 EAC5 EAC9 EAC10 EAC11 EAC12 EAC13 EAC14 EAC19		
1	10H00408-00M	CC,10pF,25V,+/- 5%,COG,0201,MURATA,GRM0335C1E100J		A	each	5	EAC21 RAC159 RAC160 RAC161 RAC162		
1	10H00408-02M	CC,10pF,25V,+/- 0.5pF,COG,0201,C0603C0G1E100DT,TDK,125/- 55degC		A	each	4	RWC16 RWC17 RWC20 RWC21		
1	10H00410-00M	CC,0.5pF,50V,+/- 0.1pF,COG,0402,MURATA,GJM1555C1HR50B		A	each	1	RAC153		
1	10H00411-00M	CC,1pF,50V,+/- 0.1pF,COG,0402,MURATA,GJM1555C1H1R0B		A	each	3	RAL11 RAC104 RAC105		
1	10H00412-00M	CC,4.7pF,50V,+/- 0.1pF,COG,0402,MURATA,GJM1555C1H4R7B		A	each	3	RAL27 RAL43 RAL46		
1	10H00416-00M	CC,2.2pF,50V,+/- 0.1pF,COG,0402,GJM1555C1H2R2B,MURATA		A	each	2	RAC70 RAC75		
1	10H00429-00M	CC,22uF,6.3V,+/- 10%,0805,X5R,GRM219R60J226M,MURATA,H=0. 85 +/- 0.1 mm		A	each	1	RWC15		
1	10H00454-01M	CC,4.7uF,6.3V,X5R,0402,MAG02X5R0J475M,+/- 15%,+/-20%,MATSUKI		A	each	2	RAC173 RAC195		
1	10H00454-02M	CC,4.7uF,6.3V,X5R,0402,JDK105BJ475MV-F,+/- 15%,+/-20%,TAIYO YUDEN		A	each	4	PAC8 PAC9 PAC10 PAC11		
1	10H05001-01M	CC,10pF,50V,+/- 5%,0402,NPO,GRM1555C1H100J,Murata,Tape reel		A01	each	2	RGC6 RAC212		
1	10H05403-00M	CC,2PF,50V,+/-0.25PF,NPO,0402,Pb-FREE		A01	each	2	RAL35 RAL38		
1	10H05403-01M	CC,2pF,+/- 0.25pF,50V,0402,NPO,GRM1555C1H2R0C,MURAT A		A	each	1	RBC9		
1	10H05409-10M	RF CC,3.3pF,50V,+/- 0.1pF,0402,COG,GJM1555C1H3R3B,MURATA		A	each	1	TGC3		
1	10H05412-01M	CC,2.7pF,50V,+/- 0.1pF,0402,NPO,GJM1555C1H2R7B,Murata		A	each	3	RAL39 RAL42 RAR86		
1	10H05510-00M	RF CC,6.8pF,50V,+/-0.5pF,NPO,0402,Pb FREE		A01	each	1	RGC12		

1	10H15001-20M	CC,22pF,50V,+/-5%,0402,NPO,GRM1555C1H220J,Murata,Tape reel	A01	each	1	RAC147		
1	10H15002-00M	CC,100PF,50V,+/-5%,0402,NPO,Pb FREE	A01	each	1	RGC550		
1	10H15002-20M	CC,100pF,50V,+/-5%,0402,NPO,GRM1555C1H101J,Murata,Tape reel	A01	each	7	RAC136 RAC138 RAC139 RAC141 RAC142 RAC148 RAC180		
1	10H15004-00M	CC,68PF,50V,+/-5%,0402,,NPO	A01	each	2	RAC137 RAC140		
1	10H15006-00M	CC,33pF,50V,+/-5%,0402,NPO,PbFREE	A01	each	2	EAC54 LAC18		
1	10H15019-00M	CC,39pF,50V,+/-5%,NPO,0402,Pb-FREE	A01	each	3	AAC33 AAC34 AAC35		
1	10H15019-01M	CC,39pF,50V,+/-5%,0402,NPO,Murata,GRM1555C1H390J,Tape reel	A01	each	1	RAC170		
1	10H15021-00M	CC,12pF,50V,+/-5%,NPO,0402,Pb-FREE	A01	each	1	RAC172		
1	10H31100-00M	C-CAP,0.01uF,16V,10%,0402,X7R,Pb FREE	A01	each	4	LAC147 LAC148 LAC149 LAC150		
1	10H35106-10M	RF CC,2200pF,UMK105 BJ222KV,125degC,-55degC,0402,+/-10%,50V,TAIYO YUDEN,Pb-FREE	A	each	1	RAC96		
1	10H40100-00M	CC,0.1uF,10V,10%,0402,X5R,Pb FREE	A01	each	12	LBC3,LBC4 RGC5 EAC30 EAC33 EAC35 EAC60 EAC61 EAC62 LAC16 LAC23 EAC112		
1	10H40102-00M	CC,0.047uF,10V,+/-10%,0402,X7R,Pb-FREE	A01	each	4	AAC15 AAC16 AAC19 AAC20		
1	10H41101-00M	CC,0.1uF,16V,10%,0402,Pb-FREE	A01	each	2	RAC97 RAC209		
1	11H00038-00M	CT,100uF,6.3V,+/-20%,0.07ohm,63uA,1000mA,B1G,6TPG100M,SANYO,3.8*3.1*1.2mm,105/-55degC	A	each	1	RAC171		
1	16H00012-01M	Gold Cap,0.02F,3.3V,XH311HG IV07E,SEIKO,-78/89%	A	each	1	PAC16		
1	20H00095-00M	RES,1Kohm,+/-5%,1/20,0201,RC0201JR-071KL,YAGEO,0.6*0.3*0.23,125/-55degC	A	each	9	LAR4 LAR17 LAR19 PAR14 PAR36 RAR62 RAR63 RAR64 RAR65		
1	20H00095-02M	RES,1Kohm,+/-5%,0.05W,R0204,RR0306S-102-JN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	1	RAR34		
1	20H00096-01M	RES,2.2Kohm,+/-5%1/20W,0201,RM02JTN222,TA-I,125/-55degC,0.6*0.3*0.25mm	A	each	1	AAR10		

1	20H00101-00M	RES,0 ohm,+/-5%,1/20W,0201,RC0201JR-070RL,YAGEO,0.6*0.3*0.23,125/-55degC	A	each	45	AAR5 RAR2 RAR3 RAR4 RAR6 RAR8 RAR9 RBR2 RWR4 RWR5 EAR15 EAR36 LAR39 LAR40 PAR37 PAR38 RAR13 RAR14 RAR15 RAR16 RAR17 RAR18 RAR19 RAR20 RAR21 RAR22 RAR24 RAR25 RAR26 RAR27 RAR66 RAR67 RAR70 RAR88 RAR91 RAR93 RAR95 RWR11 RAR700 RBR100 RBR101 RBR102 RBR103 RBR104 RBR105		
1	20H00152-02M	RES,100Kohm,+/-5%,1/20W,0201,RC0201JR-07100KL,YAGEO,125/-55degC,0.6*0.3*0.23mm	A	each	11	LAR3 LAR11 LAR12 LAR14 LAR15 LAR16 LAR18 RAR90 LAR297 LAR300 LAR301		
1	20H00175-00M	RES,10Kohm,+/-5%,1/20 W,0201,RC0201JR-0710KL,YAGEO,0.6*0.3*0.23mm	A	each	8	LAR5 LAR6 LAR13 PAR24 LAR197 LAR244 LAR296 LAR303		
1	20H00183-00M	RES,22ohm,+/-5%,1/20W,0201,RC0201JR-0722RL,YAGEO	A	each	2	AAR7 AAR8		
1	20H00187-02M	RES,47ohm,+/-5%,0.05W,R0201,RR0306S-470-JN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	5	EAR7 EAR8 EAR9 EAR10 EAR11		
1	20H00189-01M	RES,330ohm,+/-5%,1/20W,0201,RC0201JR-07330RL,Yageo	A	each	3	AAR6 RWR16 RWR19		
1	20H00199-00M	RES,10ohm,+/-1%,1/20W,0201,RC0201FR-0710RL,YAGEO,125/-55degC,0.6*0.3*0.23mm	A	each	2	PAR35 RAR11		
1	20H00200-01M	RES,82ohm,+/-1%,0.05W,0201,RR0306T-820-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	2	RAR55 RAR56		
1	20H00201-02M	RES,2.2Kohm,+/-1%,0.05W,0201,RR0306S-222-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	1	AAR13		
1	20H00209-00M	RES,10Kohm,+/-1%,1/20W,0201,RC0201FR-0710KL,YAGEO,125/-55degC,0.6*0.3*0.23mm	A	each	1	PAR45		
1	20H00212-01M	RES,10ohm,+/-5%,1/20W,0201,RM02JTN100,TA-I,125/-55degC,0.6*0.3*0.25mm	A	each	8	EAR13 EAR16 EAR17 EAR18 EAR19 EAR20 EAR21 EAR22		
1	20H00214-00M	RES,15ohm,+/-5%,1/20W,0201,RC0201JR-0715RL,YAGEO,125/-55degC,0.6*0.3*0.23mm	A	each	5	EAR1 EAR2 EAR3 EAR4 EAR14		

1	20H00215-00M	RES,51ohm,+/-1%,1/20W,0201,RC0201FR-0751RL,YAGEO,125/-55degC,0.6*0.3*0.23mm	A	each	1	RAR87		
1	20H00216-01M	RES,100ohm,+/-1%,1/20W,0201,RM02FTN1000,TA-I,125/-55degC,0.6*0.3*0.25mm	A	each	1	RAR54		
1	20H00216-02M	RES,100ohm,+/-1%,0.05W,0201,RR0306S-101-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	2	RAR29 RAR77		
1	20H00220-01M	RES,100Kohm,+/-1%,0.05W,0201,RR0306S-104-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	7	PAR5 PAR6 PAR9 PAR10 PAR23 RAR800 RAR801		
1	20H00230-00M	RES,5.62Kohm,+/-1%,1/20W,0201,RTT015621FTH,RALEC	A	each	1	RWR1		
1	20H00232-00M	RES,4.7Kohm,+/-5%,1/20W,0201,RTT01472JTH,RALEC	A	each	2	LAR21 LAR28		
1	20H00239-00M	RES,4.7Kohm,+/-1%,1/20W,0201,RC0201FR-074K7L,YAGEO,125/-55degC	A	each	3	RWR2 RWR3 RWR20		
1	20H00249-00M	RES,1Mohm,+/-5%,0201,1/20W,Yageo,RC0201JR-071ML,0.63*0.33*0.26mm,125/-55degC	A	each	1	LAR34		
1	20H00286-00M	RES,680ohm,+/-1%,0.05W,0201,RR0306S-681-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	1	AAR12		
1	20H00293-00M	RES,1.6Kohm,+/-1%,0.05W,0201,RR0306S-162-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	5	LBR1 LBR3 LBR5 LBR7 LBR9		
1	20H00296-00M	RES,2Kohm,+/-1%,0.05W,0201,RR0306S-202-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	1	RAR28		
1	20H00300-00M	RES,3.6Kohm,+/-1%,0.05W,0201,RR0306S-362-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	5	LBR2 LBR4 LBR6 LBR8 LBR10		
1	20H00310-00M	RES,12Kohm,+/-1%,0.05W,0201,RR0306S-123-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	2	RAR68 RWR10		
1	20H00316-00M	RES,22Kohm,+/-1%,0.05W,0201,RR0306S-223-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	1	LAR282		
1	20H00319-00M	RES,33Kohm,+/-1%,0.05W,0201,RR0306S-333-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm	A	each	1	PAR8		

1	20H00327-00M	RES,82Kohm,+/-1%,0.05W,0201,RR0306S-823-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm		A	each	1	PAR7		
1	20H00334-00M	RES,200Kohm,+/-1%,0.05W,0201,RR0306S-204-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm		A	each	8	AAR11 PAR27 PAR28 PAR30 PAR31 PAR32 PAR41 PAR43		
1	20H00343-00M	RES,4.7ohm,+/-1%,0.05W,0201,RR0306T-4R7-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm		A	each	2	AAR2 AAR9		
1	20H00595-00M	RES,6.04Kohm,+/-1%,0.05W,0201,RR0306S-6041-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm		A	each	1	LAR7		
1	20H00707-00M	RES,121Kohm,+/-1%,0.05W,0201,RR0306S-1213-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm		A	each	1	PAR22		
1	20H00764-00M	RES,470Kohm,+/-1%,0.05W,0201,RR0306S-474-FN,125/-55degC,CYNTEC,0.6*0.3*0.23mm		A	each	1	PAR33		
1	20H00781-00M	RES,649Kohm,+/-1%,0.05W,0201,RR0306S-6493-FN,CYNTEC,125/-55degC,0.6*0.3*0.23mm		A	each	1	PAR25		
1	20H00804-00M	RES,5.6ohm,+/-5%,1/20W,0201,RC0201JR-075R6L,YAGEO,125/-55degC		A	each	2	RAR7 RAR12		
1	20H00806-00M	RES,51ohm,+/-0.5%,1/20W,0201,RC0201DR-0751RL,YAGEO,125/-55degC		A	each	1	RAR89		
1	20H00858-00M	RES,2.2ohm,+/-5%,1/20 W,0201,RC0201JR-072R2L,YAGEO,125/-55degC		A	each	1	RAR5		
1	20H00865-00M	RES,150Kohm,+/-5.0%,1/20W,0201,YAGEO,RC0201JR-10150KL		A	each	3	LAR9 LAR31 LAR33		
1	20H00868-00M	RES,47Kohm,+/-5%,1/20W,0201,TA-I,CN24series Chip Array Resistor		A	each	6	LAR23 LAR24 LAR25 LAR26 LAR27 LAR283		
1	20H05000-02M	RES,0ohm,+/-5%,1/16W,0402,RTT02000JTH,RALEC,1*0.5*0.3mm		A	each	23	EAL9 EAR6 LAR8 TBR2 TGR2 TWR2 TWR4 AAR14 AAR15 EAL11 PAR15 PAR16 PAR17 PAR18 RAL12 RAR50 RAR61 RAR85 LAR290 LAR292 LAR295 RAC185 RAC189	20H05000-07M,20H05000-06M	
1	20H22008-06M	RES,51ohm,+/-1%,1/16W,0402		A01	each	2	RAR72 RAR78		
1	20H22011-06M	RES,12ohm,+/-1%,1/16W,0402		A01	each	1	RGR1		
1	20H25001-06M	RES,22ohm,5%,1/16W,0402		A01	each	4	EAR39 EAR40 EAR41 EAR42		
1	20H25005-06M	RES,33ohm,+/-5%,1/16W,0402		A01	each	2	EAR5 EAR12		

1	20H32031-06M	RES,120ohm,+/-1%,1/16W,0402	A01	each	4	RAR73 RAR74 RAR79 RAR80	
1	20H35000-06M	RES,220ohm,5%,1/16W,0402	A01	each	2	LAR69 LAR70	
1	20H42009-06M	RES,2.2Kohm,+/-1%,1/16W,0402	A01	each	1	RAR69	
1	20H45002-06M	RES,10Kohm,5%,1/16W,0402	A01	each	2	RGR3 PAR44	
1	20H55002-06M	RES,100Kohm,5%,1/16W,0402	A01	each	4	LAR309 LAR310 LAR311 LAR312	
1	20H61001-06M	RES,150Kohm,+/-0.5%,1/16W,0402	A01	each	3	LAR35 PAR39 PAR40	
1	25H00118-90M	RF INDUCTOR,100nH,0402,+/-5%,LL1005-FHLR10I,TOKO,Pb-FREE	A	each	4	EAL4 EAL5 EAL6 EAL7	
1	25H00138-00M	RF INDUCTOR,22nH,0402,+/-3%,LQW15AN22NH,MURATA	A	each	1	RAL51	
1	25H00139-00M	RF INDUCTOR,6.8nH,0402,+/-3%,LQW15AN6N8H,MURATA	A01	each	3	RGL6 RAL29 RAC152	
1	25H00178-00M	Inductor,6.2nH,0402,+/-3.23%,LQW15AN6N2C00,Murata,125/-50degC	A	each	1	RAL41	
1	25H00179-00M	Inductor,2.7nH,0402,+/-7.4%,LQW15AN2N7C00,Murata,125/-50degC	A01	each	2	RAL1 RAL48	
1	25H00210-00M	Inductor,10nH,LQW15AN10NH00D,Murata,125/-55degC,Pb-FREE	A01	each	3	RAL23 RAC157 RAC163	
1	25H00248-00M	Filter,330mA,DLW21SN900SQ2,Murata,1.2*1.2*2mm	A	each	1	EAT1	
1	25H00302-00M	Inductor,4.7nH,LQW15AN4N7C00D,MURATA,125/-55degC	A	each	2	RAL3 RAL44	
1	25H00319-00M	Inductor,8.2nH,540mA,0.14mohm,+/-3%,LQW15AN8N2H00D,MURATA,125/-55degC,1*0.5*0.5mm	A	each	1	RAC151	
1	25H00322-00M	Coil,130mohm,4.7uH,1150mA,+/-20%,1098AS-4R7M=P3,TOKO,85/-40degC,3*2.8*1.2mm	A	each	1	RWL1	25H00579-00M
1	25H00343-00M	Inductor,3.9nH,750mA,0402,+/-5%,LQW15AN3N9C00D,MURATA,125/-55degC	A	each	2	RAL45 RAL49	
1	25H00363-00M	Inductor,2.2nH,200mA,+/-0.3nH,0402,LQG15HN2N2S02D,MURATA,85/-40degC	A	each	1	RAC215	
1	25H00402-00M	Filter,100mohm,60nH,100mA,+/-30%,MEA 1608 LC 220 T,TDK,85/-40degC,1.6*0.8*0.5mm	A	each	4	EAU1 EAU2 EAU3 EAU4	
1	25H00408-00M	Inductor,56nH,50mA,0201,+/-5%,LQP03TN56NJ00D,MURATA,85/-40degC,0.6*0.3*0.3mm	B	each	1	RAR58	

1	25H00415-00M	Inductor,3.9nH,+/- 0.1nH,170mA,0201,LQP03TN3N9B,MURATA,85/- 40degC,0.6*0.3*0.3mm	A	each	1	RGL2	
1	25H00426-00M	Inductor,4.7nH,160mA,+/- 3%,0201,LQP03TN4N7H,MURATA,85/- 40degC,0.6*0.3*0.3mm	A	each	1	RGL1	
1	25H00428-00M	Inductor,15nH,90mA,+/- 3%,0201,LQP03TN15NH,MURATA,85/- 40degC,0.6*0.3*0.3mm	A	each	1	RBL3	
1	25H00431-00M	Filter,SAFEB1G88KA0F00,MURATA,85/- 30degC,1.35*1.05*0.6mm	A	each	1	RAP20	
1	25H00443-00M	Filter,SAFEB1G96FLOF00R14,MURATA,85/- 30degC,1.35*1.05*0.6mm	A	each	1	RAP1	
1	25H00454-00M	Inductor,5.8nH,700mA,+/- 5%,7mohm,L0402,LQW15AN5N8C00,MURATA,12 5/-55degC,1*0.6*0.5mm	A	each	1	RAL40	
1	25H00465-00M	Filter,AVX,CP0402A1880DN,Directional Coupler	A	each	1	RAP19	
1	25H00469-00M	Inductor,50mohm,2.4nH,850mA,LQW15AN2N4B00 D,MURATA,125/-55degC,1*0.6*0.5mm	A	each	2	RAL20 RAC214	
1	25H00475-00M	Filter,B9300,EPCOS,85/-40degC,2*1.6*0.68mm	A	each	1	RAP17	
1	25H00492-00M	Inductor,140mohm,8.7nH,540mA,+/- 2%,LQW15AN8N7G00D,MURATA,125/- 55degC,1.0*0.6*0.5mm	A	each	1	RAC181	
1	25H00493-00M	Inductor,3.9nH,750mA,+/- 0.1nH,LQW15AN3N9B,MURATA	A	each	2	RAC68 RAC99	
1	25H00494-00M	Inductor,2.9nH,750mA,+/- 0.1nH,LQW15AN2N9B,MURATA	A	each	1	RAC100	
1	25H00520-00M	Inductor,1.5nH,+/- 0.1nH,280mA,0201,MURATA,LQP03TN1N5B,85/- 40degC,0.6*0.3*0.3mm	A	each	1	RWC23	
1	25H00528-00M	Filter,FUJITSU,FAR-F5KA-836M50-D4DF,85/- 30degC,1.4*1*0.5mm	A	each	1	RAP8	
1	25H00530-00M	Coil,190mohm,4.7uH,740mA,+/- 20%,TDK,VLF3012AT- 4R7MR74,2.8*2.6*1.2mm,105/-40degC	A	each	4	PAL2 PAL3 PAL4 PAL5	25H00530-01M
1	25H00536-00M	Filter,CP0402A0836AN,AVX,85/-40degC	A	each	1	RAP6	
1	25H00537-00M	Filter,SAZY1G88EA0B77R05,MURATA,80/- 15degC,3*2.5*1.1mm	A	each	1	RAP18	
1	25H00543-00M	Filter,EPCOS,B9301,85/-20degC,2*1.6*0.68mm	A	each	1	RAP16	

1	25H00545-00M	Filter,SAFE1G57KD0F00R14,MURATA,85/-30degC,1.35*1.05*0.6mm		A	each	1	RGP2	25H00591-00M
1	25H00547-00M	Filter,FUJITSU,FAR-D5GF-881M50-D1FBQ,80/-15degC,3*2.5*0.7mm		A	each	1	RAP7	
1	25H00566-00M	Coil,0.76ohm,330mA,22uH,20%,TDK,VLF3012AT-220MR33,3*2.8*1.2mm,105/-40degC		A	each	1	PAL7	
1	25H00578-00M	Balun,TBL-1608-245-M2,CYNTEC,85/-40degC		A	each	1	RBP1	
1	25H00580-00M	Inductor,300mA,1.3nH,+/-0.3nH,90mohm,MURATA,LQG15HS1N3S02D,125/-55degC,1*0.5*0.5mm		A	each	2	RBL1 RBL2	
1	25H00706-90M	Inductor,3.3nH,400mA,+/-10%,LL1005-FHL3N3S,TOKO,Pb-FREE,125/-55degC,1*0.5*0.5		A01	each	1	TBC3	
1	25H00715-00M	Inductor,12nH,Murata,LQW15AN12NH00D,125/-55degC		A01	each	2	RAL52 RAC107	
1	25H00726-00M	Inductor,15nH,+/-3%,0402,Murata,LQW15AN15NH00D,125/-55degC		A	each	2	RAL25 RAL37	
1	25H00727-00M	Inductor,18nH,+/-3%,0402,LQW15AN18NH00D,Murata,125/-55degC		A	each	1	RAL36	
1	25H00745-00M	Filter,LFB2H2G45SG7A159,+/-10%,MURATA,2.7*2.2*1.0mm,85/-40degC		A	each	1	RWP1	
1	25H00792-00M	Inductor,750mA,4.7nH,70mohm+/-0.2nH,NDB,LLQ1005C4N7Z,85/-40degC,0.6*0.3*0.3mm		A	each	1	RGL4	
1	25H20012-00M	Bead,600ohm,300mA,+/-25%,850mohm,L0402,BLM15HD601SN1D,MURATA,125/-55degC,1*0.5*0.5mm		A	each	15	AAL2 AAL3 AAL4 AAL5 AAL6 AAL7 AAR3 AAR4 TFL8 TFL9 AAL12 AAL13 AAL18 AAL19 AAL20	
1	26H00143-00M	XTAL,7pF,32.768KHz,70000ohm,+/-20ppm,CC7V-T1A 32.768KHz 7pf +/-20ppm,MICRO CRYSTAL,3.2*1.5*0.9mm		A	each	1	LAY1	26H00124-00M
1	26H10026-00M	OSC,26MHz,+/-12ppm,1XSE026000AH,DSO321SH,KDS,1.8V,+/-20ppm@-10~70degC,3.2*2.5*1.2mm		A	each	1	RWY1	
1	26H20030-00M	TCXO,19.2MHz,2.4V,0.4V,EPSON,TG-5010LH-55A,-86dBc,2.8V,0.3ppm,3.3*2.5*0.96mm		A	each	1	RAY1	

1	27H00053-00M	Schottky Diode,60V,1000mA,50uA,110pF,CHENMKO,SSM0160SPT,125/-65degC,SOD-123,3.85*1.8*1.35mm		A	each	1	PAD12	
1	27H00061-00M	Schottky Diode,15pF,1000mA,100uA,SC-76,30V,CH511H-30PT,CHENMKO,125/-40degC,2.7*1.35*0.9mm		A	each	1	PAD7	
1	27H00214-00M	Schottky Diode,6pF,200mA,30V,1uA,CH520G2-30PT,CHENMKO,FBPD-923,125/-40degC,1.05*0.65*0.55mm		A	each	4	LAD1 PAD6 PAD10 PAD11	
1	27H00216-00M	Switching Diode,3pF,100mA,0.1uA,80V,CHENMKO,1SS400G2PT,FBPD-923,125/-55degC,1.05*0.65*0.55mm		A	each	1	LAD2	
1	27H00223-00M	Varistor,8pF,1mA,0.1uA,7.3V,VCUT0714A-HD1-GS08,VISHAY,125/-40degC,1*0.6*0.4mm		A	each	4	EAD11 EAD12 EAD13 EAD14	
1	27H00245-00M	Zener Diode,5mA,1uA,5.6V,ROHM,CDZT2R5.6B,150/55degC,1.1*0.7*0.4mm		A	each	1	PAD5	
1	27H00247-00M	LED,2mA,2.4V,HT-261UDZ/UYGZ,HARVATEK,Green/Amber,80/-30degC,1.6*1.5*0.55mm		A	each	1	LAD3	27H00250-00M
1	27H22100-02M	Diode,90V,100mA,1SS400PT,SC-79,CHENMKO,Pb-FREE,125/-40degC,1.7*0.85*0.7mm		A01	each	1	PAD2	
1	28H00025-00M	TR P-CHANNEL,SI5433BDC-T1-E3,-20V,6.7A,1206-8,VISHAY,Pb-FREE		A	each	1	PAQ2	
1	28H00033-00M	TR DUAL-N CHANNEL,60V,500mA,SI1026X,SC89-6,VISHAY,Pb-FREE		A01	each	1	PAQ1	28H00033-01M
1	28H00054-00M	P+N-CH,SI1016X-T1-E3,VISHAY,Rated_Cur=265mA,VDS_VCEO=20V,SC89,150/-55degC		A	each	1	PAQ3	28H00071-00M
1	28H25405-90M	TRANS-N,30V,150mA,3LN01S-TL-E,EMT3,SANYO		A	each	2	AAQ1 LAQ3	28H00078-00M
1	29H00042-00M	VARISTOR,12V,130pF,1KHz,0402,AVR-M1005C120MTAAB,TDK,Pb-FREE		A01	each	7	EAD4 EAD5 EAD6 EAD7 EAD8 EAD9 EAD10	
1	30H00107-00M	CPU,QUALCOMM,MSM7225,1,456NSP,11*11*1.05mm		A	each	1	LAU1	

1	30H20193-00M	CMOS IC,FAIRCHILD,NC7SZ58P6X_NL,SC70-6,85/-40degC,2*2.1*0.95mm		A	each	1	RWU6	30H20294-00M
1	30H20321-00M	CMOS IC,TI,SN74LVC1T45DRLR,SOT-553,85/-40degC,1.7*1.7*0.6mm		A	each	3	LBU2 LBU3 LBU5	
1	30H20347-00M	CMOS IC,TC7SZ04AFE,SON5-P-0.50,TOSHIBA,85/-40degC,1.65*1.65*0.6		A	each	1	RAU14	30H20347-01M
1	30H20351-00M	CMOS IC,FAIRCHILD,NC7SZ374L6X,MICROPAK,85/-40degC,1.45*1*0.55mm		A	each	1	RAU1	30H20351-01M
1	30H20354-00M	CMOS IC,VISHAY,DG3516DB-T5-E1,Micro_foot_10_bump,85/-40/degC,2.02*1.52*0.753mm		A	each	1	LAU5	30H20359-00M,30H20354-01M
1	30H30652-00M	Linear IC,TI,TPA4411YZH,YZH(WCSP),85/-40degC,2.18*2.18*0.625mm		A	each	1	AAU1	
1	30H30662-00M	Linear IC,ISL9219IRZ-T,INTERSIL,20 LD 3X4 QFN,85/-40degC,4*3*1mm		A	each	1	PAU1	
1	30H30670-00M	Linear IC,TI,TPS61160DRV,QFN,85/-40degC,2.1*2.1*0.8mm		A	each	1	PAU7	
1	30H30674-00M	Linear-IC,SONY,CXM3519ER,VQFN-26P,90/-20degC,3.8*3*0.9mm		A	each	1	RAU11	
1	30H30688-00M	Linear IC,RICHTEK,RT9011-SSPQWC,WDFN-6L,Dual output OUTA=3.3V OUTB=3.3V 300mA per CH,85/-40degC,1.65*1.65*0.8mm		A	each	1	PAU4	
1	30H60156-00M	RF-IC,TI,WL1251FEBRSCR,QFN,85/-30degC,3*3*1mm		A	each	1	RWU4	
1	30H60158-00M	RF-IC,TI,BRF6300,BGA,85/-40degC,4.5*4.5*0.8mm		A	each	1	RBU1	
1	30H60165-00M	RF-IC,LMSM32AA-533,MURATA,8-pin Module,85/-10degC,3.2*2.5*1.5mm		A	each	1	RAP15	
1	30H60183-00M	RF-IC,ANADIGICS,AWT6280RM11P8,M11,85/-20degC,7*7*1mm		A	each	1	RAU12	
1	30H60199-00M	RF-IC,QUALCOMM,RTR6285,QFN,85/-20degC,8*8*0.9mm		A	each	1	RAU10	
1	30H60200-00M	RF-IC,AVAGO TECH.,ALM-1412,Reel,3.3*2.1*1.1mm		A	each	1	RGU1	
1	30H60206-00M	RF-IC,AVAGO TECH,ACPM-7311-OR1,MSL3,90/-20degC,4.1*4.1*1.2mm		A	each	1	RAU7	
1	30H60207-00M	RF-IC,AVAGO TECH,ACPM-7331-OR1,MSL3,125/-55degC,4.1*4.1*1.2mm		A	each	1	RAU13	

1	30H70026-00M	RF+NON RF IC,TI,WL1251BZQZR,uBGA,85/-30degC,6*6*1mm	A	each	1	RWU1	
1	30H80085-00P	Controller,ATMEL,ATmega48V-10MU,32MLF,85/-40degC,5*5*0.9mm	A	each	1	LQU1	
1	30H90124-00M	Misc IC,CAPELLA,CM3202A3OP,OPLGA,85/-25degC,1.8*2.35*1.1mm	A	each	1	LAU7	
1	30H90132-00M	Misc IC,QUALCOMM,PM7540,137-CSP,85/-30degC,7*7*1.2mm	A	each	1	PAU2	
1	30H90136-00M	Misc IC,WL1251PMBZRKR,TI,MicroStar BGA,85/-30degC,3.1*3.1*0.61mm	A	each	1	RWU3	
1	30H90138-00M	Misc IC,DIODES,DFN2020-6,85/-40degC,2.075*2.075*0.63mm	A	each	2	LAU10 LAU11	
1	32H00149-00M	COMBO FLASH,32bit,512MB,HYNIX,H8BES0UQ0MCR-46M,BGA,13*10.5mm,85/-30degC	A	each	1	LAU2	32H00163-00M
1	36H00086-00M	POWER-BUTTON-SWITCH,EVQP2202M,MATSUSHITA,GREAT-WALL	A01	each	1	MAM7	
1	36H00515-00M	Switch,LS12K2-T,CITIZEN,3.85*2.9*1.55mm	A	each	3	MAM8 MAM10 MAM11	
1	36H00602-00M	Fuse,SMD0805P100TF,POLYTORNICS,PTC,85/-40degC,2.2*1.5*1.4mm	A	each	1	PAF1	
1	36H00741-00M	Microphone,OSNF213-30C,KDIC	A	each	1	AAU3	
1	50H00484-01M	PCB-MAIN BOARD,UNIMICRON,94.2*43.78*0.85mm,HDI-3+N+3,JADE	B	each	1		50H00484-10M,50H00484-61M,50H00484-18M
1	72H01628-00M	Plate,011630,RAY HOME ,3*1.6*0.1mm,Herald	A	each	4	AAM3 AAM4 PAM1 PAM2	
1	72H02020-00M	Spring,RH-PR-CP-A0059,RAY HOME ,Antenna,Kaiser	A	each	6	TBANT1 TBANT2 TGANT1 TGANT2 TWANT1 TWANT2	
1	72H02335-00M	Plate,receiver,pharos	A	each	2	AAM1 AAM2	
1	72H02848-00M	Shielding,CPU Shielding fence,Jade	A	each	1	MAS3	
1	72H02849-00M	Shielding,RF1 Shielding fence,Jade	A	each	1	MAS4	
1	72H02850-00M	Shielding,RF2 Shielding fence,Jade	A	each	1	MAS6	
1	72H02851-00M	Shielding,RF3 Shielding fence,Jade	A	each	1	MAS5	
1	72H02852-00M	Shielding,GPS Shielding fence,Jade	A	each	1	MAS1	
1	72H02853-00M	Shielding,WiFi Shielding fence,Jade	A	each	1	MAS2	
1	72H02870-00M	Shielding,Mic Shielding,Jade	A	each	1	MAS7	
1	72H02922-00M	Shielding,CPU Shielding cover,Jade	A	each	1		
1	72H02923-00M	Shielding,RF1 Shielding cover,Jade	A	each	1		
1	72H02926-00M	Shielding,GPS Shielding cover,Jade	A	each	1		

1	72H02927-00M	Chassis,Camera,Jade		A	each	1	MAG3		
1	72H02928-00M	Shielding,WiFi Shielding cover,Jade		A	each	1			
1	72H03107-00M	Shielding,RF2 Shielding cover,Iolite		B	each	1			
1	72H03109-00M	Shielding,RF3 Shielding cover,Iolite		B	each	1			
1	75H00734-00M	Connector RF,6P,2Pitch,MM8130-2600,MURATA,2.5*2.5*1.5mm		A	each	3	RAM1 RGM2 RWM1		
1	75H00741-00M	Connector FPC,50mohm,4Pin,0.5Pitch,0.4A,50V,006298-004-000-883+ ,KYOCERA		A	each	1	MAM13		
1	75H00769-00M	Connector B to B,90mohm,Female,MATSUSHITA,AXT5CH124BP,26P,0.4Pitch,0.3A,60V		A	each	1	MAM4		
1	75H00784-00M	Connector FPC,16P,0.4Pitch,NAIS,AXT5BH124BP,QWERTY-KB,RAPHAEL		A	each	1	MAM5		
1	75H00823-00M	Connector I/O,11P,0.45Pitch,SMT Jade,C-MJE29-00-00,ACON		A	each	1	MAM2		
1	75H00829-00M	Connector Others,1.1Pitch,microSD-SIM,2 in 1,SMPN16-D0-7000,PROCONN,Jade		A	each	1	MAM3		
1	75H00830-00M	Connector B to B,22P,0.4Pitch,0.3A,60V,AXT322164,MATSUSHITA		A	each	1	MAM12		
1	75H00833-00M	Connector Others,Battery,4P,2.5Pitch,SUYIN,250037MB004G425ZL,Jade		A	each	1	PACON1		
1	77H30010-41M	Blank Label,20*6mm,MING JYE,green one		A	each	1			

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