

Eve Water Guard (DA14681) SW Auth For RF board_EE BOM			
Item	Part Number	Description	Q'ty
0010	10ALA15001	PIFA Antenna 2.4GHz _ALA150-052040_ DIP	1
0020	CCK104P100B00	Capacitor MLCC 100nF X7R ±10% 10V _CC0402KRX7R6BB104_0402	6
0030	CCK102P500B00	Capacitor MLCC 1.0nF X7R ±10% 50V _CC0402KRX7R9BB102_0402	1
0040	CCK106P250E00	Capacitor MLCC 10uF X5R ±10% 25V _CC1206KKX5R8BB106_1206	3
0050	CCK106P100D00	Capacitor MLCC 10uF X5R ±10% 10V _CC0805KKX5R6BB106_0805	3
0060	CCK104P250B00	Capacitor MLCC 100nF X7R ±10% 25V _CC0402KRX7R8BB104_0402	2
0070	CCJ220P500B00	Capacitor MLCC 22pF NPO ±5% 50V _CC0402JRNPO9BN220_0402	1
0080	CCM226P63CD00	Capacitor MLCC 22uF X5R ±20% 6.3V _CC0805MKX5R5BB226_0805	2
0090	CCK105P63CB00	Capacitor MLCC 1.0uF X5R ±10% 6.3V _CC0402KRX5R5BB105_0402	3
0100	CCK475P63CC00	Capacitor MLCC 4.7uF X5R ±10% 6.3V _CC0603KRX5R5BB475_0603	4
0110	21RGB19001	Surface Mount Chip LED Tri-color LED Brilliant Red & Brilliant Green & Blue _19-337/R6GHBHC-A01/2T_ SMD	12
0120	25030XX201	Multilayer Ferrite Chip Bead 30R ±25% 3A _BC1608UA-300A30_0603 (4K/R)	2
0130	M2321ZL2001C	WIRE CONN DIP _ZL2001-A-2P_ 2P P2	1
0140	M2321D5PWB1C	WIRE CONN SMT _1.25-D-5PWB_ 5P P1.25	1
0150	M2311755301T	Phone JACK 3 sectionDIP _PJD-035-24AX_ H5.0 D3.5	1
0170	2447553F02	Power Inductor For DC-DC Converter Circuitry 4.7uH 1.10A ±20% L3030_SWPA3015S4R7MT_(2K/R)	1
0180	2447414301	Power Inductor Multilayer Chip For DC-DC Converter Circuitry 0.47uH 1.6 A ±0.9% L0805 _MPH201210SR47MT_(3K/R)	1
0190	22P2313001	Power Mosfet P-Channel _PDN2313S_-20V -4.1A SOT23-3S	2
0200	22P3904001	NPN Switching Transistor _PMBT3904_ 40V 200mA SOT23	2
0210	22P6912001	Power Mosfet N-Channel _PDN6912S_60V 3.2A SOT-23	14
0220	RCJOR0010SC00	General Purpose Chip Resistor 0R ±5% 1/10W _RC0603JR-070RL_0603	5
0230	RCJ10K016SB00	General Purpose Chip Resistor 10K ±5% 1/16W _RC0402JR-0710KL_0402	19
0240	RCJ100K10SC00	General Purpose Chip Resistor 100K ±5% 1/10W _RC0603JR-07100KL_0603	1
0250	RCJ4K7016SB00	General Purpose Chip Resistor 4.7K ±5% 1/16W _RC0402JR-074K7L_0402	2
0260	RCJ47K016SB00	General Purpose Chip Resistor 47K ±5% 1/16W _RC0402JR-0747KL_0402	2
0280	RCJ200R10SC00	General Purpose Chip Resistor 200R ±5% 1/10W _RC0603JR-07200RL_0603	5
0290	RCJ330R10SC00	General Purpose Chip Resistor 330R ±5% 1/10W _RC0603JR-07330RL_0603	4
0300	RCJ1K0010SC00	General Purpose Chip Resistor 1K ±5% 1/10W _RC0603JR-071KL_0603	5
0310	RCJ200R16SB00	General Purpose Chip Resistor 200R ±5% 1/16W _RC0402JR-07200RL_0402	13
0320	RCJOR0016SB00	General Purpose Chip Resistor 0R ±5% 1/16W _RC0402JR-070RL_0402	7
0330	RCJ100K16SB00	General Purpose Chip Resistor 100K ±5% 1/16W _RC0402JR-07100KL_0402	1
0340	RCF100K16SB00	General Purpose Chip Resistor 100K ±1% 1/16W _RC0402FR-07100KL_0402	1
0350	RCF22K116SB00	General Purpose Chip Resistor 22.1K ±1% 1/16W _RC0402FR-0722K1L_0402	1

0360	RCF7K5016SB00	General Purpose Chip Resistor 7.5K ±1% 1/16W _RC0402FR-077K5L_0402	1
0370	RCF75K016SB00	General Purpose Chip Resistor 75K ±1% 1/16W _RC0402FR-0775KL_0402	2
0380	RCF330K16SB00	General Purpose Chip Resistor 330K ±1% 1/16W _RC0402FR-07330KL_0402	1
0390	RCJ10M016SB00	General Purpose Chip Resistor 10M ±5% 1/16W _RC0402JR-0710ML_0402	1
0410	RCJ2K2016SB00	General Purpose Chip Resistor 2.2K ±5% 1/16W _RC0402JR-072K2L_0402	2
0420	M2322TA2321T	SWITCH SMT _TA2-32N-V-T/R_ 2P TACT	1
0430	10D1468001	Low Power Bluetooth Smart 2.4GHz 4.2 SoC _DA14681-01000A92_AQFN60 (4K/R)	1
0440	10P9685001	LED controller IC16-channel, 12-bit PWM Fm+ I2C-bus_PCA9685PW,118_(2.5K/R)	1
0450	15D6912001	Power IC Step-Down Converter 2A _DIO6912_ SOT23-6	1
0460	15D2087001	Micro-power cmos input RRIO 1.4V Push-Pull Output Comparator _DIO20871ST5_ SOT23-5	2
0470	10W2516001	Serial NOR Flash (SPI)Memory 3V _W25Q16FWSNIQ_SOIC8(2.5K/R)	1
0490	2316M10321	Quartz Crystals XTAL 16.000MHz ±10PPM _NXXK16.000AG10F-KAB5_32x25mm	1
0500	2332K20313	Quartz Crystals XTAL 32.768KHz 7pf ±20PPM FC-135 series_Q13FC13500002_ 32x15mm SMD (3K/R)	1
0510	6075531102	PCB SA-7553 Eve Water Guard RF board (Dialog DA14681) V1.0	1
0520	7575531101	SA-7553_Elgato_SPI Flash code(10W2516001) for Eve Water Guard(FW+Token)	1
0530	HP75536611	Eve Water Guard (DA14681) SW Auth For power board	1

SA7553 EVE Water Guard_ME Part

Item	Part Number	Description	Q'ty
0010	M25227553A101	7553EVE ABS765 plastic top cover-(Glossy 10000 White RAL9003)+EVE logo printing	1
0020	M254S7553A101	7553EVE PC945 transparent plastic LENS cover with texture	1
0030	M306P7553A101	7553 ABS765 plastic lower cover -(texture, white RAL9003)+reset printing+PC945LENS-(transparent)+Buried shot 2 metal PIN	1
0040	70EUTAL001	7553EVE Univeral power adapter (EU,US,UK,AU)	1
0050	M305S7553A101	7553EVE Buzzer barrier 39*7.5*(H)0.5mm(304 stainless)	1
0060	M306S7553A101	7553EVE Top cover LENS shade -(UL white H=0.5mm+PET+adhesive tape)	4
0070	M306S7553A104	7553EVE mylar 2PCB T=0.75mm square square insulating sheet-(UL Cert. black RBB 6300-50/3M9448 adhesive tape)	1
0080	M306S7553A105	7553EVE Power solder joints T=0.75mm round insulating sheet-(UL Cert. BlackRBB 6300-50/3M9448 adhesive tape)	1
0090	M03051101001	Screw silver M1.7X4mm(ITS-1)	4
0100	M03053401001	Screw silver FTP 2 X 5 mm	4
0110	68P3011001	Piezo Electric Buzzer P30110W12-C	1
0120	71A1250002	Housing Cable UL1571 28# L=50mm 1.25-5P Housing (KR1250H-XP)	1
0130	711Q570001	Wire UL1007 22AWG,COLOR:RED 1Q57008191-HW	1
0140	711Q570002	Wire UL1007 22AWG,COLOR:BLACK 1Q57008192-HW	1
0150	HP75536610	Eve Water Guard (DA14681) SW Auth For RF board	1