

## H3G-650 BOM

Item	Part Number	Q'ty	Location
Capacitor	100NF 16V 1005	19	C3,C5,C7,C9,C16,C18,C20,C21,C22,C23,C28,C34,C36,C38,C40,C42,C46,C53,C56
Capacitor	33PF 50V 1005 NPO	1	C47
Capacitor	33NF 10V 1005 X7R	7	C4,C6,C8,C10,C17,C19,C25
Capacitor	27PF 50V 1005 C0G	2	C11,C13
Capacitor	4.7uF 10V 2012	7	C12,C24,C27,C33,C35,C37,C39
Capacitor	22PF 50V 1005 C0G	2	C14,C15
Capacitor	10NF 25V 1005 X7R	5	C29,C31,C43,C51,C52
Capacitor	1000uF 10x12.5 10V ELEC	1	C30
Capacitor	100uF 5x7 10V ELEC	3	C32,C41,C55
Capacitor	330uF 6x11 10V ELEC	1	C44
Capacitor	10uF 2012 10v X5R	1	C45
Capacitor	33UF 6.3V A TAL	1	C54
Diode	SDB310Q	1	D2
Diode	SMAJ6.0A	1	D3
Diode	SS24, SMA	1	D4
LED(Dip)	LED 3pi RED	2	D6,D7
LED(Dip)	LED BI 3pi Red & Green	2	D8,D9
Bead	HB-1M1608-601JT	1	FB1
BEAD	6H 3T, Filter	1	F1
Fuse	OS5-T2A,Dip, 2A	1	F2
Connector	TSH-3776,EAR JACK	1	J1
Connector	FF02-01-08-T1, FFC, Straight, 1mm Pitch	2	J3,J14
Connector	DC_JACK	1	J5
Connector	LWB0640-02	1	J6
Connector	FSH-C800-HD09-01	1	J7
Connector	54150-0878, Modem Connetcor	1	J11
NPN Transistor	DTC144EETL	5	Q3,Q5,Q6,Q8,Q9
NPN Transistor	DTC123YE	4	Q10,Q11,Q12,Q13
P FET	SI2305DS-T1	1	Q4
Resistor	10K 1005 J	5	R5,R21,R23,R28,R31
Resistor	560K 1005 J	2	R8,R9
Resistor	47K 1005 J	8	R10,R11,R14,R15,R16,R18,R25,R32
Resistor	100K 1005 J	2	R12,R13
Resistor	309K 1005 F	1	R22
Resistor	270K 1005 F	1	R24

Resistor	49.9K 1005 F	1	R26
Resistor	10K 1005 F	1	R27
Resistor	82K 1005 F	1	R29
Resistor	8.2k 1005 J	1	R33
Resistor	0R 1005 J	8	R34,R35,R36,R38,R39,R40,R41,R42
Resistor	330R 1005 J	6	R51,R52,R53,R54,R55,R56
Resistor	27R 1005 J	4	R47,R48,R49,R50
Resistor	0R 1608J	2	R57,R58
Slide Switch	1380A	1	SW1
IC	LM3S2939-IQC50-A2T	1	U2
IC	DB1511AHETR	1	U6
IC	MCP1703T-2802E/MB, LDO, 2.8V	1	U7
IC	TJ3966GR-ADJ, LDO, 3A	1	U8
BT Module	BlueMod+P25	1	U9
IC	SN74LVC244APWR	1	U10
Crystal	8MHz 5032 18pF	1	X1
Crystal	32.768KHz 12.5p	1	X2
PCB	Main PCB, 4Layer	1	
PCB	Sub PCB, 2Layer	1	
Case	Upper	1	
Case	Lower	1	
Case	SIM card cover	1	
Case	Battery cover	1	
Case	Rear plate	1	
Screw	Screw-2.6x10	4	
Screw	Screw-2.0x6	2	
Screw	Screw-2.0x4	1	
Adaptor	Adaptor, 5V, 3A	1	
Antenna	FSW-KP00-SC08-03	1	
Cable Ass'y	Battery Cable assy, 2P	1	
Cable Ass'y	8Pin 100mm 1mm Pitch AI08100B7	1	
Modem	CC864-DUAL	1	
BOX	Gift box	1	
Foot	Rubber 2.5T 7Ø	4	