

MODEL:TK110

Comment	Pattern	Quantity	Components
USB MINI Interface	CN5	1	sw1
Vertical button		1	on/off
Chip Capacitors	0603	11	C1, C6, C8, C9,C10, C19, C23, C35,C39, C45, C47
Chip Capacitors	0603	4	C34, C49, C10, C32
Chip Resistors	0603	1	R47
Chip Capacitors	RB0.12	1	C2
Chip Resistors	0603	20	C52,R4, R7, R8, R13, R14,R20, R24, R25, R30, R33,R37, R38, R39, R40, R41,R42, R60, R62, R63
Chip Capacitors	0805	9	C5-1, C21, C71, C72,C73, C78, C79, C80, R34
Chip Capacitors	1005	2	C43,C100
Crystal(11.0592MH)	XTAL1	1	Y2
Chip Resistors	0603	9	R15,R44, R49, R61
Diode	1206	3	D2-1,D3-1,D4-1
Chip Capacitors	0603	6	C6-1, C7, C18, C20,C22, C59
Chip Capacitors	0603	3	C50, C51, R64
Chip Resistors	0603	1	R21
2x8PIN Transposon	CN8	1	CN1
Chip Resistors	0603	1	R43
Chip Resistors	0603	8	R9, R11, R18, R26, R27,R45, R46, R48
Chip Capacitors	RB0.8	1	C3
Inductance	L1	1	L1
SMD Transistor	SOT-23	1	Q6
Crystal (8MH)	SD1	1	XTL
Diode	0603-1	12	D5, D11, D12, D13. D36. D14, D37, D38, D40. D41, D42, D44
Rectifier	SOP-8A	1	U10
Rectifier	LCC64	1	U8
Rectifier	MLP-28	1	U2-1

GPS Module	VPN11513	1	G1
Rectifier	SOT-25	1	U6
Rectifier	S0 8	1	U4
Rectifier	S0-8	1	U9
LED	LED0.1	1	LED
Rectifier	TU5	1	U7
<b>Rectifier</b>	SOT-25	1	U1, U2
Rectifier	SOT-25	1	U3
SIM340DZ	G2	1	GP2
SIM card connector	CN8	1	S1
Diode	1206	1	D2, D3, D4
Diode	1210	3	C4, D454
STC12LE2052	20DGV	1	U11
ULN2003A	SOP16	1	U5
SMD Transistor	SOT-23	3	Q1, Q2, Q3, Q5
<b>Vibration Sensors</b>	AIXAL0.5	1	SHK1