













Quantity	Designator	value	Footprint	Comment	Description	Famell	LibRef
1	C40		E	47uF/35V/0.3R/10 % CaseE		1135125	ELECTRO1
1	C41		T491D	min 100uF, 10V CASE D 73x43mm		113-5058	ELECTRO1
1	Iridium		iridiumphone	IR9523 - MOLEX 53885-0408 Stacking Board Connector		1567698	IR9523
<u>'</u>	maum		indumprone	MOLEX 47388- 2001 CONNECTOR, SIM		1307030	11110020
1	SimCard		simcard	CARD, 1.9MM HEIGHT		2060729	SIMCARD
				ATmega162-16AU - 16 KB, 1 KB, 44	8-Bit AVR Microcontroller with 16K Bytes of In- System Programmable Flash		
1	U1		44A_M	Pins	Memory	9171150	ATmega162-16AC
1	U5		DFN-MF8	B230A 30 V, 2 A, DO-214AC, 0,5V,	Boost DCDC Silicon RF Schottky Diode for Mixer Applications in the	1663573	LT3580
2	D4, D7		DO-216AA	UPS140	VHF/ UHF Range	1843686	Diode BAT17
4	D1, D2, D3, D5		KP-1608SURC_R	D11	Diode, LED		D11
1	R10	0R	V0603RES		Resistor		R12
4	R3, R4, R5, R7	1k	V0603RES	R12	Resistor		R12
2	L1, L2	4.7mH	XFL4020	XFL4020-472MEC	Inductor	2289218	Inductor
2	R6, R12	10k	0603RES	0603	RESISTOR, 0603 10K	9330399	Res2
2	C8, C17	10nF	V0603	Сар	Capacitor	1776000	Сар
1	C9	10uF 0603	V0603	Сар	Capacitor		Сар
1	C18	10uF 0805	V0805	Сар	Capacitor		Сар
1	C7	10uF / 35V	1210	1210	Ceramic Chip Capacitor - Standard	1735537	C0603
1	R9	10.2k	V0603RES	R12	Resistor	1652829	R12
1	X1	16MHz	CRY_2_5x3_2	Xtal Osc	Crystal Oscilator	1712829	CFPS-39 2.5 x 3mm 16MHz
1	C19	22uF	1210	Сар	Capacitor		Cap
1	C6	22uF 16V	1210	1210	Ceramic Chip Capacitor - Standard	1845776 or 1907528	C0603
	R8	31.6k	V0603RES	R12	Resistor	2138454	R12
	<u> </u>				RESISTOR, 0603		
	C1, C3, C4, C5, C10, C11, C12,	35.7k	0603RES	2.2nF, 47pF, 100nF,			Res2
	C13, C14, C15, C16		V0603	0603	Standard		C0603, CAP
	R1, R2	200R	V0603RES	R12	Resistor RESISTOR, 0603		R12
1	R11	316k	0603RES	0603	10K SOT23-6 DCDC	2303268	Res2
1	U2	ADP2300AUJZ	SOT-23-OT6_N	ADP2300	Switcher Micropower 250 mA	1843650	LM2734
1	U3	LP2992AIM5-3.3	MF05A_N	LP2992AIM5-3.3	Low-Noise Ultra Low-Dropout Regulator, 5-pin SOT-23	1469139	LP2992AIM5-3.3
1	U4	NCN4555	QFN16_3MM	NCN4555		2534480	NCN4555
	C2	X7R, 10UF, 0805	V0805	TAJR475K006RNJ	Polarized Capacitor (	12776870 or 234603	Cap Pol3