

Bill of Material for iTrac + SIM100

Used Part Type	Designator	Footprint
=====		
16 0.1u	CU1a CU1b	1005[0402]
	CU1c CU1d	
	CU1e CU1f	
	CU1g CU1h	
	CU6a CU6b	
	CU6c CU6d	
	CU6e CU6f	
	CU6g CU6h	
4 1.2k	R11 R37	1608[0603]
	R38 R64	
3 1.8k	R34 R43	3216[1206]
	R47	
2 1K	R41 R49	1608[0603]
1 1k	R17	2012[0805]
1 1n	C8	1005[0402]
1 1u	C30	RB-.2/.4
1 2.2k	R60	1608[0603]
1 2.2u	C25	RB-.2/.4
1 2k	R67	1608[0603]
4 3.3k	R59 R63	1608[0603]
	R65 R74	
10 3K	R1 R2 R4	1608[0603]
	R5 R13 R14	
	R19 R20	
	R21 R53	
2 3PINBLCONNECTOR	J4 J5	STOCKO3V
2 3k	R15 R42	SIP-9
9 10K	R23 R24	1608[0603]
	R25 R26	
	R29 R30	
	R32 R33	
	R80	
1 10n	C7	1005[0402]
1 10u	C17	7343
1 14.31818MHz	X1	XTAL-1
3 15k	R70 R75	1608[0603]
	R77	
1 16PIN	RP1	IDC16
1 17k	R8	1608[0603]
1 20PIN	J2	IDC20
1 20k	R48	VR-5
1 22k	R9	1608[0603]

3	22n	C21 C27	1005[0402]
		C48	
3	22u	L1 L2 L3	AXIAL-0.7
4	27k	R6 R69 R72	1608[0603]
		R73	
5	33k	R10 R27	1608[0603]
		R35 R46	
		R50	
1	47k	R16	1608[0603]
11	47n	C20 C26	1005[0402]
		C28 C29	
		C31 C35	
		C37 C41	
		C42 C43	
		C47	
6	56k	R18 R28	1608[0603]
		R36 R66	
		R68 R71	
1	60p	C2	RAD-0.3
3	68	R39 R40	3216[1206]
		R58	
3	68k	R7 R45 R51	1608[0603]
4	75	R52 R57	3216[1206]
		R61 R62	
1	90ns	U3	DIP8
4	100k	R54 R76	1608[0603]
		R78 R79	
5	100k	R3 R22 R31	VR-5
		R44 R55	
2	100p	C5 C6	1005[0402]
1	150k	R56	1608[0603]
3	220n	C36 C38	2012[0805]
		C49	
8	220p	C1 C3 C4	1005[0402]
		C9 C12 C14	
		C15 C19	
5	AM29LV800B100FC(48)	U2 U8 U9	TSOP12X16
		U12 U13	
1	BACKLIGHT INVERTER	U10	NPDIP28A
1	DB25	J1	DB25FLW
1	GS2T5-9(4)	U7	MOD4-1.1
1	L7908CT	U4	TO220V
1	LM6134BIM(14)	U11	SO14
1	Power	J3	HDR1X2
7	QNPN	Q1 Q2 Q3	TO92A
		Q4 Q6 Q7	

		Q8		
1	QPNP		Q5	TO92A
1	RESPACK5		R12	SIP-9
1	TDA8501		U5	SOJ24/400
1	XC4003-6PG(120)C		U6	PGA120X13
1	XC4006-5PQ(160)C		U1	QFP160
16	ZENER		D1 D2 D3	DIODE-0.4
			D4 D5 D6	
			D7 D8 D9	
			D10 D11	
			D12 D13	
			D14 D15	
			D16	