

KIT	QTY	Part	Reference	SMD code	Comment
✓	1	PCB DTMF2007	PCB		142 x 87 mm single sided
✓	1	ATmega16-16AU	TQFP44		CPU programmed with software
✓	1	MAX809L	SOT23	AAAA	IC reset
✓	1	MAX232E	DIL16		IC rs232 driver
✓	1	ULN2803A	SOIC18		IC relay driver SMD
✓	1	78L05	SO8	8L05A	IC SMD 8 pin
	1	7809	TO220		IC
	1	MT8880CE	DIL20		IC dtmf decoder/encoder
	1	LCD 2x16			LCD Hitachi compatible
	10	LED	3mm		8xRED 1xGREEN 1xYELLOW
	1	12.0000 MHz	XTAL		Q
✓	1	3.579545 MHz	XTAL		Q
✓	3	JMP	wire		wire
✓	2	1N4148	1206		D SMD
✓	1	1N4007	1812		D SMD
✓	2	BC847B	SOT23	8BB	NPN SMD
✓	10	750E	0805		R
✓	1	33E (100E)	1206		R21 (Rx)
✓	3	220E	0805		R
✓	1	1K	0805		R
✓	2	10K	0805		R
✓	1	68K	0805		R
✓	3	100K	0805		R
✓	1	390K	0805		R
✓	2	22pF	0805		C
✓	1	10nF	0805		C
✓	14	100nF	0805		C
✓	4	10yF /16v (opt. 1yF/16v)	1812	10-16	C elko SMD
	2	100yF/16v	CAP200RP		C elko vertical
	8	DS2Y-S-DC12V NAIS			Relay 12v
	1	IDC6	IDC6		connector male
	3	IDC10	IDC10		connector male + female
	1	IDC20	IDC20		connector male + female
	3	10K trim			trimmer resistor
	1	push button switch			button
	2	SAURO MSB02001	2pin		single line connector, 5mm raster
	2	SAURO MEB12001	12pin		single line connector, 5mm raster