

# SoftRock Lite II Combined Receiver Kit

## Bill of Material

### Circuit Board

	1	SoftRock Lite II Circuit Board
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### ICs

	1	78L05
	1	FST3253
	1	LT6231
	1	74AC74

### Crystals

	1	7.3728MHz
	1	14.089MHz
	1	28.224MHz
	1	13.5MHz
	1	18.73MHz

### Capacitors

	3	4.7 $\mu$ F 10%
	1	5600pF 10%
	1	3300pF 10%
	1	1500pF 5%
	1	1000pF 5%
	1	330pF 5%
	2	100pF 5%
	1	180pF 5%
	3	390pF 5%
	1	220pF 5%
	1	22pF 5%
	1	680pF 5%
	2	0.047 $\mu$ F 10%
	1	68pF 5%
	1	47pF 5%
	5	0.01 $\mu$ F (1206 SMT)
	6	0.1 $\mu$ F (1206 SMT -- ink mark on back of strip)

### Diodes/Transistors

	1	1N4003
	1	2N3904
	1	2N3906

### Resistors

	1	22.1k $\Omega$ 1/4W 1%
	2	475 $\Omega$ 1/4W 1%
	2	49.9 $\Omega$ 1/4W 1%
	2	4.99k $\Omega$ 1/4W 1%
	2	10.0k $\Omega$ 1/4W 1%
	3	1.00k $\Omega$ 1/4W 1%
	5	10.0 $\Omega$ 1/4W 1%
	2	100 $\Omega$ 1/6W 5%

### Hardware/Cores/Wire

	2	#4 nylon washer
	2	4-40x1/2in. screw
	2	4-40 hex nut
	2	#4x1/4in. nylon spacer
	2	T30-6 core (0.3inch OD, yellow)
	≈20ft.	#30 magnet wire