



Contents of Your VT6-FK Kit SBC6120-RC Version

P/N	Description	Quantity
VT6-1B	VT6 PC Board, revision 1B	1

These parts are contained in the package labelled VT6-FK1

DS89C450-QNG	Ultra High Speed Microcontroller, UNPROGRAMMED	1
AT89LP4052	Keyboard microcontroller, PRE-PROGRAMMED	1
ATF2500C-20JC	EE CPLD 20ns PLCC44	1
MAX232CPE+	RS232 Driver 5V	1
AT24C01B-PU	128x8 I2C EEPROM	1
	128Kx8 SRAM 55ns	1
	25.175MHz oscillator	1

These parts are contained in the package labelled VT6-FK2

1N914	small signal diode	1
	47 ohm 1/8W 5% carbon resistor	2
	5x4.7K SIP6 resistor	1
	3x330 ohm SIP6 resistor	1
	1uF 35V radial lead tantalum capacitor	4
	10uF 6V radial lead tantalum capacitor	1
	0.01uF 50V ceramic mono capacitor	6
	2mm Red LED 5V	1
	Magnetic Buzzer 5VDC	1
	HD-15 Female PC mount right angle	1
	6 pin Mini-DIN Female PC mount right angle	1
	2 pin 0.1" header w/shorting plug	1
	2 pin 0.1" header	1
	10 pin 0.1" header	1
	DIP20 IC socket (0.300")	1
	PLCC44 IC socket	2

IMPORTANT!

The DS89C450 MCU supplied with your kit is unprogrammed. **You must download firmware to it, as described in the manual, before you can use it.** The ATF2500C CPLD and AT89LP4052 APU are, however, already programmed.

J5 and J6 (a two pin header and 10 pin header) are included with this kit for connection to the SBC6120-RC. J2, J3, VR1, C13, C12 and D1 are not included - these parts are used only in the stand alone version of the VT6.

Sockets are supplied for U1, U2 and U5 only. U3, U4 and U6 may be soldered directly to the PCB.



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You may return any kit for a full refund, less the shipping charges, ***provided that it is unopened and unused***. Unless defective, parts and kits ***cannot be returned once construction is started***. Look it over carefully and be sure it's what you want *before* you start soldering.

If any part we ship you is defective, we'll replace it provided that you return it with in 90 days of purchase. This doesn't cover parts that are damaged by your mistake, so if you put that IC in backwards and blow it up, please don't send it back to us! All the expensive and hard to get ICs such as CPUs, memories, PLDs, EPROMs, etc. are 100% tested by Spare Time Gizmos before they are shipped, and we know those are OK when they leave our door. If one of the other parts doesn't work and you don't think it's your fault, then we'll take your word for it and replace it for you.

We're sorry, but our warranty does not extend to parts that are damaged by improper construction techniques, especially poor soldering, or ICs damaged by static electricity.