

CODE*STAR PARTS LIST

BAG 1 - MAIN PC BOARD AND CHASSIS

- 17 - C1,C2,C4,C5,C8,C12,C13,C14,C16,
C17,C18,C19,C20,C21,C26,C29,C35--
0.047uF or 0.05uF ceramic disc
capacitor
- 3 - C3,C27,C30--100uF, 16V electro-
lytic
- 6 - C6,C7,C10,C11,C31,C32--0.0022uF
mylar capacitor
- 1 - C9--22uF, 10V electrolytic
capacitor
- 3 - C15,C22,C25--0.2uF ceramic disc
- 2 - C28,C34--10uF, 10V electrolytic
- 1 - C23 --27pF ceramic disc
- 1 - C33--0.022uF mylar capacitor
- 2 - R1,R37--1.5K ohm (brown-green-
red)
- 1 - R2--1.8K ohm (brown-gray-red)
- 1 - R3--470K ohm (yellow-violet-
yellow)
- 3 - R4,R14,R43--2.2 meg (red-red-
green)
- 6 - R5,R32,R49,R51,R55,R57--10K ohm
(brown-black-orange)
- 4 - R6,R22,R27,R39--6.8K ohm
(blue-gray-red)
- 3 - R7,R18,R20--150K ohm (brown-
green-yellow)
- 2 - R8,R21--1K ohm (brown-black-red)
- 8 - R9,R23,R28,R29,R33,R41,R42,R47--
1 meg ohm (brown-black-green)
- 1 - R10--6.8 meg ohm (blue-gray-
green)
- 2 - R11, R40--47K ohm (yellow-
violet-orange)
- 4 - R12,R13,R15,R44--4.7 meg ohm
(yellow-violet-green)
- 3 - R16,R17,R45--1.3 meg ohm
(brown-orange-green)
- 4 - R24,R25,R26,R54--4.7K ohm
(yellow-violet-red)
- 1 - R31--27 ohm (red-violet-black)
- 2 - R34,R35--2.2K ohm (red-red-red)
- 1 - R36--68 ohm (blue-gray-black)
- 1 - R38--470 ohm (yellow-violet-
brown)
- 1 - R46--220K ohm (red-red-yellow)
- 1 - R48--680K ohm (blue-gray-yellow)
- 1 - R50--68K ohm (blue-gray-orange)
- 2 - R52,R19--33K ohm (orange-orange
orange)
- 1 - R56--100 ohm (brown-black-brown)
- 1 - C24--47pF ceramic disc

- 2 - R30,R53--20K ohm or 25K ohm trim
pot
- 1 - IC4--40 pin microcomputer
- 2 - IC2,IC3--LM3900
- 1 - IC1--78M05, 5 v regulator
- 5 - Q1,Q2,Q4,Q5,Q6--2N3904
- 1 - Q3--2N3906
- 4 - D1,D2,D5,D16--1N4001 rectifier
- 2 - D3,D4--substitute wire jumpers
- 10 - D6 thru D15--1N914 or 1N4148
- 2 - 14 pin IC socket
- 1 - 40 pin IC socket
- 1 - CR1--3.579 MHz crystal or 3.595
- 1 - heat sink with 4-40 screw + nut
- 1 - SW1--6 position, 2 pole rotary
switch
- 1 - DC power jack, 3.5MM
- 1 - 8 ohm speaker
- 4 - 4-40 screws + nuts for speaker
- 1 - knob
- 4 - 4-40 screws + nuts for main pc
board support
- 4 - 1/4 inch standoffs for main pc
board support
- 1 - LED and holder
- 1 - hole plug (5/8 inch for rear
panel)

BAG 2 - DISPLAY PC BOARD

- 2 - C1,C2--0.047uF or 0.05uF ceramic
capacitors
- 4 - DIS1 thru DIS4--IEE 3785R LED
display
- 2 - IC1,IC4--75491 or ITT 491
- 2 - IC2,IC3--7445 or 74145
- 8 - R1,R4,R5,R8,R9,R12,R13,R16--
1.8K ohm (brown-gray-red)
- 8 - R2,R3,R6,R7,R10,R11,R14,R15--
47 ohm (yellow-violet-black)
- 2 - Molex soldercons (strip of 36)
- 8 - Molex plastic nest for soldercon
- 2 - 14 pin IC socket
- 2 - 16 pin IC socket

MISCELLANEOUS

- 1 - custom metal cabinet
- 1 - main pc board
- 1 - display pc board
- 1 - wire
- 1 - 12/13 VDC power converter
- 1 - construction manual
- 1 - red bezel