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## Color Pro™ Support

### Logic Board Parts List

- 90298002  
CAPACITOR, MONO .1UF 50V 10% X7R SMT1206  
BC1, BC2  
BC3, BC4  
BC5, BC6  
BC7, BC8  
BC9, BC10  
BC11, BC12  
BC15, BC16  
BC17, BC18  
BC19, BC20  
BC21, BC22  
BC23, BC24  
BC25, BC26  
C32
  
- 90298011  
CAPACITOR, MONO 1000PF 100V 5% COG 1206  
C17, C20  
C23, C26  
C29  
BC13, BC14  
BC28, BC27
  
- 90227002  
CAPACITOR, TANTALUM 4.7UF 10%10V SMT 3216  
C1  
C2  
C8  
C9
  
- 90309001

DIODE, 6 AMP BRIDGE PBPC604

BR1

90223010

CAPACITOR, LYTIC 220UF 50V 20% SMT 85C

C3

C4

C5

C6

C7

90221004

CAPACITOR, LYTIC 47UF 50V 20% SMD 105C

C13

C14

90298017

CAPACITOR, MONO 3300PF 100V 10% SMT1206

C15, C16

C18, C19

C21, C22

C24, C25

C27, C28

90309033

DIODE, TVS UNIDIR'L P6SMB6.8AT3 SMT

D1

D2

D11

90309037

DIODE, BAV99 SMT STC

D3

D5

90309067

RECTIFIER, SCHOTTKY BARRIER 1A 40V SMT

D7

D8

90309032

PP, TVS UNIDIRECTIONAL 15MB 12 AT 3

D10

D12

90306054  
DISPLAY, LED RED QUAD NUMERIC 7 SEG .56"  
DSP1

90412002  
CLIP, FUSE #100.056  
F1  
F2

90407068  
HEADER, 26 PIN .1 SHROUDED  
HD2

90407021  
HEADER, 5 PIN 2.5MM JST  
HD3  
HD4

90407001  
HEADER, 2 POS MOLEX  
J1

90407050  
HEADER, 10 PIN GOLD MOLEX  
J2

90407063  
OBS, HEADER, 10 POS. N/C PIN 6, GOLD  
J3

90406087  
TERMINAL, 6 POS BARRIER STRIP  
J4

90603010  
RELAY, FORM 2C DPDT 530MW 24VDC  
K1

90601033  
INDUCTOR, 330 UH 20% SMD  
L1  
L2

90306049  
LED, SMT GREEN/RED SML-020  
LD1

LD2

LD3

90308031

TRANSISTOR, SURFCE MT MMBT2222ALT1 STC

Q1

Q2

Q3

Q4

90118095

RESISTOR, SMT 470 OHM 5% 1206

R2

R3

R4

R5

90118133

RESISTOR, SMT 24K OHM 5% 1206

R6

R7

R10

90118037

RESISTOR, SMT 221 OHM 1% 1206

R8

R9

R12

R13

R22

90118134

RESISTOR, SMT 324K OHM 1% 1206

R11

90118139

RESISTOR, SMT 22M OHM 5% 1206

R14

90118122

RESISTOR, SMT 20M OHM 5% 1206

R16

90118087

RESISTOR, SMT 3.32K OHM 1% 1206

R18

90118076  
RESISTOR, SMT 2K OHM 1% 1206  
R19  
R21

90118066  
RESISTOR, SMT 6.19K OHM 1% 1206  
R20

90118003  
RESISTOR, SMT 1K OHM 5% 1206  
R23, R24  
R26, R27  
R29, R30  
R32, R33  
R35, R36  
R84

90118097  
RESISTOR, SMT 25.5K OHM 1% 1206  
R25, R28  
R31, R34  
R37

90118006  
RESISTOR, SMT 4.7K OHM 5% 1206  
R38, R39  
R40, R41  
R14, R17

90118130  
RESISTOR, SMT 1 OHM 1% MELF  
R44, R45, R46  
R47, R48, R49  
R50, R51, R52  
R53

90101040  
RESISTOR, 47 OHM 1/4W 5%  
R42  
R43

90118131  
RESISTOR, SMT 1.5K 1% MELF  
R54, R55  
R56, R57

R58, R59

R60, R61

R62, R63

90305021

IC, LINEAR MC7815-CT 15V REGULATOR

REG1

90119001

RESISTOR, SMT NETWK 4.7K BUSS 16PIN

RN1

RN2

90118136

RESISTOR, SMT NETWK 150 OHM ISO 16PIN

RN4

90405290

SWITCH, PUSHBUTTON 520.02 GRAY STC

SW1

SW2

SW3

SW4

90114022

POLYSWITCH, RESETTABLE FUSE 3A @ 250V SMT

TH2

TH3

TH4

90302031

IC, 74HCT08 QUAD 2-INPUT AND GATE SMD

U1

90302030

IC, 74HCT573 D-TYPE LATCH SMD

U2

U3

U4

U5

90302033

IC, 74LVC245A 3.3V OCTAL BUS XCEIVER SMD

U6

90302032

IC, 74HCT14 HEX INV SCHMITT TRIGGER SMD  
U7

90303093  
IC, 3.0V 256K X 16 BOOT SECTOR FLASH ROM  
U8

90305039  
IC, TLC7226C QUAD 8-BIT DAC SMD  
U10  
U11  
U12

90307033  
IC, DRIVER 3773 DUAL STEPPER  
U13  
U14  
U15  
U16  
U17

90308033  
TRANSISTOR, ARRAY ULN2003D1 SMT STC  
U19

90305038  
IC, LM2574 SWITCHER 0.5A ADJ VR SMT  
U21, U22

90303065  
IC, FAILSAFE MULT TRANSCEIVER TC  
U23

90303092  
IC, PROCESSOR XCF5206E  
U24

90303087  
IC, EPROM 16K SERIAL AT24C16 2.7V SO8N  
U25

90303091  
IC, MICROMONITOR DS1708 3.3V 10% SOIC IMP 708TCSA  
U26

90402018

FUSE, 2.5 AMP SLOW

F2

90118117

RESISTOR, SMT 9.09K OHM 1% 1206

R1, R66

R67, R68

R71, R72

R77, R78

R81, R82

90401007

SOCKET, 22 PIN IC

U13-U17

90403019

FUSE, 6.30 AMP SLOW LITTLEFUSE STC

F1

90118034

RESISTOR, SMT 1K OHM 1%1206

R64, R65

R69, R70

R73, R74

R75, R76

R79, R80

90305022

IC, LINEAR MC7824 CT REGULATOR

REG2

90702027

SPACER, 9/32 OD SELF RETAINING #6 THRU

screw hole

90407061

HEADER, BREAKAWAY SIP 9 PIN

DSP1

90309070

DIODE, SCHOTTKY TMMBAT 42 SMT

D9

90308045

SIDAC, 190V 1.0A K2000E70 TO-92

S1



90308046

TRIAC, 400V 25A Q4025L6 TO-220

TR1

90101033

RESISTOR, 330 OHM 1/4W 5%

R83

90302034

IC, 74LVC14A HEX SCHMITT-TRIGGER SO14

U27

90302035

IC, 74HCT03 QUAD 2-INPUT NAND GATE SO14

U28

90215002

CAPACITOR, METAL POLY .1UF 10% 250V R

C11

C12

99030105

BOARD, CPU LOGIC COLOR PRO HX RAW

90407071

HEADER, BREAKAWAY 26 PIN .1 DUAL INLINE

HD1

90118138

RESISTOR, SMT 51 OHM 5% 1206

R85

90298004

CAPACITOR, MONO 22PF 100V 5% COG SMT1206

C30

90307037

IC, 2-WIRE THERMAL WATCHDOG DS75 SMD

U18

90502007

OSCILLATOR, 24.0 MHZ HCMOS 3.3V SMD F4100

X2

80470199

WIRE, JUMPER 3" RED

W1

80470200

WIRE, JUMPER 2" BLACK

W2

90601036

FILTER, FERRITE BEAD 3A EMI 0805 SMD

FB1

FB2

FB3

90125001

RESISTOR, SMT 15K 1W 5% MELF

R86

90309088

DIODE, ZENER 100V 1W SMT MELF

D6

90309050

DIODE, DL4007 SMT STC

D4

90306053

OPTO, 4N25S XISTOR OUTPUT SMT

U20

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