



P.C.B. VIEWS
MAIN P.C.B. (TOP VIEW)

Figure 6-5 Main P.C.B.
Component Side

Key	Ref. No.	Description	RS Part No.	Mfr's Part No.	Nichicon #	HxDxPitch Inch	HxDxPitch MM
A	C49	Capacitor, Elec. 10μF, 16V, + -20%		CEAD100ADN	USA1C100MDD	0.285x0.165x0.050	7x4x1.5
B	C50	Capacitor, Elec. 10μF, 16V, + -20%		CEAD100ADN	USA1C100MDD	0.285x0.165x0.050	7x4x1.5
C	C52	Capacitor, Elec. 1μF, 50V, +75% - 10%, non-polarized		CEAG010NLN	UVP1H010MDD1TD	0.285x0.165x0.050	11x5x2
D	C54	Capacitor, Elec. 10μF, 16V, + - 20%		CEAD100ADN	USA1C100MDD	0.285x0.165x0.050	7x4x1.5
E	C55	Capacitor, Elec. 10μF, 16V, + -20%		CEAD100ADN	USA1C100MDD	0.285x0.165x0.050	7x4x1.5
F	C75	Capacitor, Elec. 47μF, 16V, + -20%, non-polarized		CEAD470NLX	UVP1C470MED	0.45x0.207x0.080	11x5x2
G	C76	Capacitor, Elec. 47μF, 16V, + -20%, non-polarized		CEAD470NLX	UVP1C470MED	0.45x0.207x0.080	11x5x2
H	C77	Capacitor, Elec. 47μF, 16V, + -20%, non-polarized		CEAD470NLX	UVP1C470MED	0.45x0.207x0.080	11x5x2
I	C78	Capacitor, Elec. 3.3μF, 50V, +75% -10%	ACC-335XJAP	CEVG3R3ALN	UKL1H3R3KDDANA	0.45x0.2x0.080	11x5x2
J	C82	Capacitor, Elec. 4.7μF, 25V, + -20%		CEAE4R7ADN	UMA1E4R7MDD	0.285x0.165x0.050	5x4x1.5
K	C83	Capacitor, Elec. 470μF, 10V, +30-10%	ACC-477RCAP	CEAC471ACX	UKL1A471KPD	0.61x0.405x0.185	16x10x5
L	C84	Capacitor, Elec. 470μF, 6.3V, +30-10%	ACC-477RBAP	CEAB471ACX	UKL0J471KPD	0.425x0.4x0.21	12.5x10x5
M	C85	Capacitor, Elec. 33μF, 10V, + -20%	ACC-336MCAP	CEAC330ADN	UST1A330MDD	0.297x0.205x0.08	7.5x5x2
N	C86	Capacitor, Elec. 100μF, 6.3V, + - 10%	ACC-107XHAP	CEAB101ALN	UKL1A101KED1TD	0.45x0.25x0.080	11.5x6.5x2
O	C90	Capacitor, Elec. 1μF, 50V, + -20%		CEAG010ADN	USR1H010MDD	0.285x0.165x0.050	7x4x1.5
P	C92	Capacitor, Elec. 0.47μF, 50V, + - 10%	ACC-474XJAP	CEAGR47ALN	UKL2AR47KDD	0.45x0.2x0.080	11x5x2
Q	C103	Capacitor, Elec. 220μF, 10V, + 30 - 10%	ACC-227RCAP	CEAC221ACX	UKL1A221KPDANA	0.45x0.32x0.28	11.5x8x3.5

TRS-80 Model 100 NiCad Memory Battery Information

Manufacturer	Yuasa			
Part #	3-51-FT-A			
V	3.6			
mah	50			
Size MM	14x14x14			
SuperCap	ordered from Mouser			
Size	10x22x2.5			
Part Number	SCMS22H255MRBB0			