



Comment	Description	Designator	Footprint	LibRef	Quantity
Blue	Typical BLUE SiC LED	B	LED-0	LED3	1
Header 5	Header, 5-Pin	B.Rel, S.Rel	relay	Header 5	2
2N3904	NPN General Purpose Amplifier	B.Trans, S.Trans	HDR1X3	2N3904	2
Header 2	Header, 2-Pin	Buzz, Inner S/W, Sole	HDR1X2	Header 2	3
Cap2	Capacitor	C, C1, C2	CAPR5-4X5	Cap2	3
Green	Typical RED, GREEN, YELLOW, AMBER GaAs LED	G	LED-0	LED2	1
Header 8	Header, 8-Pin	Keypad, LCD, PortC	HDR1X8	Header 8	3
Header 3H	Header, 3-Pin, Right Angle	LCD H.	HDR1X3H	Header 3H	1
RPot	Potentiometer	lcd pot	VR5	RPot	1
Header 3	Header, 3-Pin	Power	HDR1X3	Header 3	1
Res1	Resistor	R, Rb, Rg, Rr, Rsw, Ry	AXIAL-0.3	Res1	6
Red	Typical RED, GREEN, YELLOW, AMBER GaAs LED	Rred	LED-0	LED2	1
SW-PB	Switch	RST	SPST-2	SW-PB	1
PIC18F4520-I/P	Enhanced Flash Microcontroller with 10-Bit A/D and nanoWatt Technology, 32K Flash, 40-Pin PDIP, Industrial Temperature Range	U1	PDIP600-P40	PIC18F4520-I/P	1
XTAL	Crystal Oscillator	X	R38	XTAL	1
Yellow	Typical RED, GREEN, YELLOW, AMBER GaAs LED	Y	LED-0	LED2	1