













Comment	Description	Designator	Footprint	Library Reference	Pins	Quantity	Value
0603	Capacitor	C1, C2, C3, C4, C5, C6, C7	0603_HandSoldering	Capacitor	2	7	100nF
0805	Capacitor	C8, C9	0805	Capacitor	2	2	10uF
LCD I2C	LCD I2C interface	P1	IDC6	LCD_I2C	6	1	
0603	Resistor	R1, R6, R7	0603_HandSoldering	Resistor	2	3	EMPTY
0603	Resistor	R2, R3, R5	0603_HandSoldering	Resistor	2	3	0R
0603	Resistor	R4, R8, R9, R10, R12, R13, R14	0603_HandSoldering	Resistor	2	7	10K
0603	Resistor	R11	0603_HandSoldering	Resistor	2	1	100R
LDC	2x16 LCD PCB	U1	LCD_2x16_Board	LCD_2x16_Board	16	1	
PCAL6416A	I2C to parallel converter	U2	PCAL6416A_TSOP24	PCAL6416A	24	1	
AD5282	Dual digital potentiometer	U3	AD5282_TSSOP16	AD5282	16	1	20K
TPS22860	Power switch	U4, U5	TPS22860_SOT23_6	TPS22860	6	2	