













icitor	C1, C2, C3, C4, C5, C6, C7 C8, C9	0603_HandSoldering 0805	Capacitor	2	7	100nF
	C8, C9	0905				
I2C interface		0803	Capacitor	2	2	10uF
	P1	IDC6	LCD_I2C	6	1	
itor	R1, R6, R7	0603_HandSoldering	Resistor	2	3	EMPTY
stor	R2, R3, R5	0603_HandSoldering	Resistor	2	3	0R
stor	R4, R8, R9, R10, R12, R13, R14	0603_HandSoldering	Resistor	2	7	10K
itor	R11	0603_HandSoldering	Resistor	2	1	100R
LCD PCB	U1	LCD_2x16_Board	LCD_2x16_Board	16	1	
o parallel converter	U2	PCAL6416A_TSOP24	PCAL6416A	24	1	
digital potentiometer	U3	AD5282_TSSOP16	AD5282	16	1	20K
er switch	U4, U5	TPS22860_SOT23_6	TPS22860	6	2	
st L	or or or CD PCB parallel converter digital potentiometer	or R2, R3, R5  or R4, R8, R9, R10, R12, R13, R14  or R11  CD PCB U1  parallel converter U2  digital potentiometer U3	or R2, R3, R5 0603_HandSoldering or R4, R8, R9, R10, R12, R13, R14 0603_HandSoldering or R11 0603_HandSoldering CD PCB U1 LCD_2x16_Board parallel converter U2 PCAL6416A_TSOP24 digital potentiometer U3 AD5282_TSSOP16	or R2, R3, R5 0603_HandSoldering Resistor  or R4, R8, R9, R10, R12, R13, R14 0603_HandSoldering Resistor  or R11 0603_HandSoldering Resistor  CD PCB U1 LCD_2x16_Board LCD_2x16_Board  parallel converter U2 PCAL6416A_TSOP24 PCAL6416A  digital potentiometer U3 AD5282_TSSOP16 AD5282	or R2, R3, R5 0603_HandSoldering Resistor 2 or R4, R8, R9, R10, R12, R13, R14 0603_HandSoldering Resistor 2 or R11 0603_HandSoldering Resistor 2 CD PCB U1 LCD_2x16_Board LCD_2x16_Board 16 parallel converter U2 PCAL6416A_TSOP24 PCAL6416A 24 digital potentiometer U3 AD5282_TSSOP16 AD5282 16	or R2, R3, R5 0603_HandSoldering Resistor 2 3 or R4, R8, R9, R10, R12, R13, R14 0603_HandSoldering Resistor 2 7 or R11 0603_HandSoldering Resistor 2 1 .CD PCB U1 LCD_2x16_Board LCD_2x16_Board 16 1 parallel converter U2 PCAL6416A_TSOP24 PCAL6416A 24 1 digital potentiometer U3 AD5282_TSSOP16 AD5282 16 1