

LCD Receiver2

LCD Receiver Mini Kit List This is a list of parts provided in the LCD Mini Kit

Part	Value	Description	Notes
C2	100nF	CERAMIC_DISC	
C3	4u7	Non Polarity Electrolytic	
C4	33uF	Non Polarity Electrolytic	
C5	100nF	CERAMIC_DISC	
C6	4u7	Non Polarity Electrolytic	
C7	100nF	CERAMIC_DISC	
C8	100nF	CERAMIC_DISC	
Audio1	3.5mm Stereo	Mounts on rear of PCB	
BAT	2PIN	0.1" Angled Header	37 total
CON1	5PIN	0.1" Angled Header (Low Profile)	Programming
CON2	6PIN	0.1" Angled Header (Low Profile)	For SD Card expansion
CON3	4PIN	0.1" Straight Header	
CON4	4PIN	0.1" Straight Header	
CON5	3PIN	0.1" Straight Header	
CON6	2PIN	0.1" Angled Header	
CON7	16PIN	0.1" Angled Header	
CON8	2PIN	0.1" Angled Header	Audio Output
CON9	6PIN	0.1" Angled Header (Low Profile)	For GPS expansion
LK1	2PIN	0.1" Straight Header	
LK2	2PIN	0.1" Straight Header	
LK3	3PIN	0.1" Straight Header	
LK4	2PIN	0.1" Straight Header	
LK5	2PIN	0.1" Straight Header	
MikroBus Socket	8PIN x 5	0.1" Straight Header	
MikroBus Pins	8PIN x 5	0.1" Straight Header	102 total
0.1" Jumper Links	2PIN x 5		
D1	1N5817	Schottky Diode	Alternative 1N5817
FS1	250mA	SMALL_POLYFUSE	
IC2	MB85RC16PNF	SOIC08 FRAM	
IC3	PCF8574	DIL16	
LED1	Red	1.8mm	
REG1	MCP1700 or MCP1702	TO92	
MICROSD	MICROSD SOCKET		
PR1	10K	6MMPRESET	
Q1	IRLML6402	SOT23	
R1	1K	125mW Wired Resistor	
R2	2K2	125mW Wired Resistor	
R3	47K	125mW Wired Resistor	
R4	91K	125mW Wired Resistor	
R5	11K	125mW Wired Resistor	
R6	4K7	125mW Wired Resistor	
R7	4K7	125mW Wired Resistor	
R8	47K	125mW Wired Resistor	
R9	47R	125mW Wired Resistor	
R10	10K	125mW Wired Resistor	
SW1	TACTILESWITCH		
SW2	EDGE SLIDE SWITCH		
SW3	EDGE SLIDE SWITCH		
LCD Cable 12 Way	12PIN Dupont 10cm		
Battery Cable	2PIN JST		
DRF1278F LoRa Module			
SMA Edge socket			
LoRa Mikrobus PCB			
GPS Mikrobus PCB			
LCD Receiver PCB			
25mm M3 Hex pillars – 4 off			
M3 x 5mm Screws – 8 off			