

CDR Ver 1.1 BOM

N	Part Reference	Qty	Value	PCB Footprint	Remarks
1	C1 C2	2	100N	RC0805	Cap smd
2	C3 C4	2	10U	2512-T	Cap El. Tant
3	D1 D3 D5 D7	4	LED	LED_100_3MM	use or D1,D3,D5,D7 or D2,D4,D6,D8
4	D2 D4 D6 D8	4	SMD LED	RC0805	
5	D9 D10 D11 D12 D13 D14 D15 D16	8	4148	SOD123	do not use, reserved for future
6	ISO1 ISO3 ISO5 ISO7 ISO9 ISO11 ISO13 ISO15	8	FOT817	DIP4	use ISO1,3,5,7,9,11,13,15 OR ISO2,4,6,8,10,12,14,16
7	ISO2 ISO4 ISO6 ISO8 ISO10 ISO12 ISO14 ISO16	8	SFH6156T-3	SDIP4	
8	J1	1	CON7	CON7	
9	J2 J5	2	CON10A	CON10_CVI_CH81	
10	J3	1	CON14A	CON14_CVI_CH81-1	
11	J4	1	CON5	CON5_CVI_CI31	
12	Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8	8	BC847A-7-F	SOT23	do not use, reserved for future
13	R1	1	100K	RC0805	
14	R2	1	30K	RC0805	
15	R3 R4 R5 R6	4	100R	RC0805	
16	R7 R8 R9 R10	4	470R	RC0805	
17	R11 R12 R13	3	0R	RC0805	do not use, reserved for future
18	SW1	1	NEXT	SWPB4	Pushbutton
19	U1	1	PIC16F819-I/SS	SSOP20W	CPU
20	U2	1	L4931CD50	SO8	Use OR U2 or U3
21	U3	1	LM78L05A/TO92	TO92	