

Comment	Description	Designator	Footprint	LibRef	Quantity
CON		AD7, GND1, RSTN1, S	TP2-D15MM	CON	7
1nF/50V/0805	Capacitor	C1	0805C	CAP	1
10uF/25V/0805	Capacitor	C2	0805C	CAP	1
2.2uF/25V/0805	Capacitor	C3, C6	0805C	CAP	2
10nF/25V/0603	Capacitor	C4, C7, C15	0603C	CAP	3
1nF/25V/0603	Capacitor	C5	0603C	CAP	1
1uF/100V/1206	Capacitor	C8	1206C	CAP	1
0.1uF/63V/1206	Capacitor	C9, C10	C-1206	CAP	2
0.1uF/25V/0603	Capacitor	C11	0603C	CAP	1
2.2uF/50V/1206	Capacitor	C12, C13, C14	C-1206	CAP	3
1uF/16V/0603	Capacitor	C16	0603C	CAP	1
2.2uF/16V/0603	Capacitor	C17	0603C	CAP	1
10nF/10V/0603	Capacitor	C18	0603C	CAP	1
1nF/50V/0603	Capacitor	C19, C20, C21	0603C	CAP	3
CON4		CN1	CN-BL001-04	CON4	1
LED	Typical INFRARED Ga	D1	DH0603	LED0	1
1SS355/NC	Diode	D2, D3, D4, D5, D6, D7	SMD-323/SC-76	DIODE	6
22uF/63V	Electrolytic Capacitor	EC1	EC-2P_5X12_2MM_90	ELECTRO1	1
180K/1%/0603		ER1	0603R	RES1	1
12K/1%/0603		ER2	0603R	RES1	1
0.1/1%/2512		ER3, ER4, ER5	RH1206	RES1	3
9K/1%/0603		ER6, ER7, ER8, ER9, E	0603R	RES1	6
1K/1%/0603		ER12, ER13, ER14, ER	0603R	RES1	7
68nH	Inductor	L1	XAL55X53	Inductor_1	1
100K		NTC1	0805R	Rr	1
10N60	N-Channel MOSFET	Q1, Q2, Q3, Q4, Q5, Q6	TO-252_GDS_RT7075	MOSFET-N	6
226K/0603		R1	0603R	RES1	1
27K/0603		R2	0603R	RES1	1
4.7K/1%/0603		R3	0603R	RES1	1
10/0603		R4, R6, R7, R9	0603R	RES1	4
100K/0603		R8	0603R	RES1	1
100/0603		R10, R12, R13, R15, R	0603R	RES1	6
4.7K/0603		R11	0603R	RES1	1
100/0603		R14	0603C	RES1	1
CON		U1, V2, W1	AC-1.8K	CON	3
RT7079		U2	LQFP7X7-48	RT7079	1