

QTY	Part	Value	Device	Package
3	C1, C2, C8	47n / 50V	CAP	0805
1	C7	1U / 100V	CAP	0805
6	C4, C5, C9, C10, C11, C13	1n / 100V	CAP	0805
4	C10, C12, C14, C15	100n / 50V	CAP	0805
1	C16			
11	D1, D2, D3, D4, D5, D7, D8, D9, D10, D11	1N4148	DIODE	MINIMELF
1	IC3	LP2992 - 5V	IC	SOT23-5
1	IC1	LTC7001	IC	MSOP10
1	IC2	MLX91220	IC	SO-16W
1	IC4	TS27L2C	IC	SO8
2	J1, J2	PIN2F061.040	CON	F061.040
2	K1, K2	Relay G2REA	RELAY	G2REA
1	K3	Relay G2REA	Relay	G2RE
1	Q1	BSP220	P-FET	SOT223
1	Q2	BSP279	N-FET	SOT223
4	Q3, Q4, Q6, Q7	IRLML6244	N-FET	SOT23
1	Q6		P-FET	SOT23
3	T1, T2, T3	TK60F10	FET	TO220SM(W)
4	LED1, LED2, LED3, LED4	LED	LED	0805
7	R1, R2, R4, R8, R9, R28, R29	10k	RES	0805
3	R5, R30, R37	1k	RES	0805
1	R3	22k	RES	0805
1	R19	1.5k	RES	0805
4	R6, R32, R33, R38	680R	RES	0805
1	R35	330R	RES	0805
1	R7	180k	RES	0805
1	R12	6.8k	RES	0805
5	R10, R14, R25, R31, R34,	100k	RES	0805
1	R23	2.2k \downarrow		0805
1	R21	2k		0805
1	R22	82k		0805
1	R24	20k		0805

2	R11, R13	1k Ferrite	
2	R16, R17, D6	OR	
1	R36	Trimmer 50k	
1	R26	2k2 / 2W	0441/15
1	R27	6.8k / 2W	0441/15