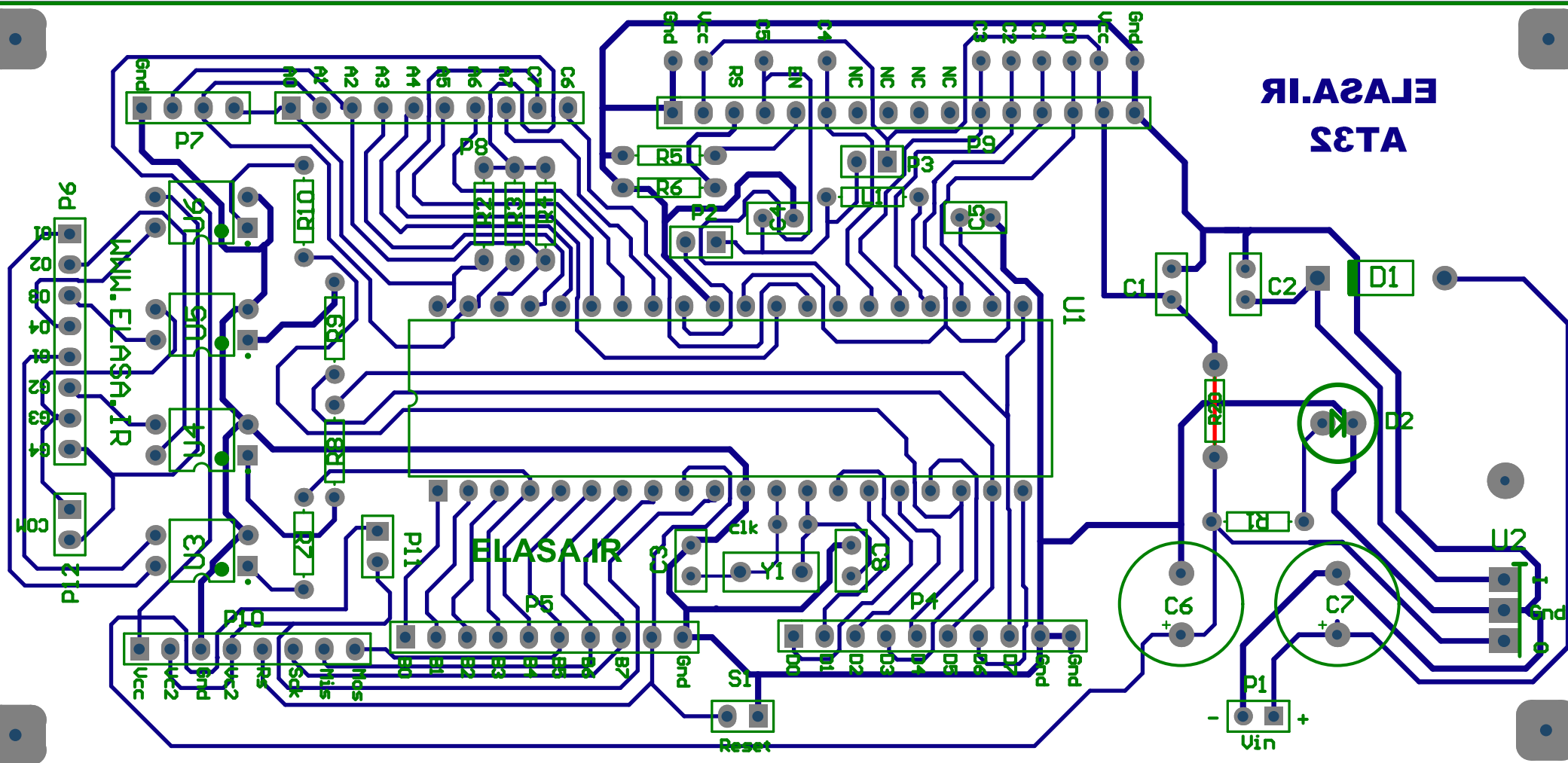


ELASA-IR
AT32



Quantity	LibRef	Footprint	Designator	Description	Comment
6	Cap	RAD-0.1	C1, C2, C3, C4, C5, C8	Capacitor	Cap
2	Cap Pol	CE10	C6, C7	Polarized Capacitor (Radial)	Cap Pol
1	Diode 1N4007	DIO10.46-5.3x2.8	D1	1 Amp General Purpose Rectifier	Diode 1N4007
1	LED0	LED5	D2	Typical INFRARED GaAs LED	LED0
1	Inductor	AXIAL-0.3	L1	Inductor	Inductor
5	Header2	HDR1X2	P1, P2, P3, P11, P12	Header, 2-Pin	Header2
3	Header10	HDR1X10	P4, P5, P8	Header, 10-Pin	Header10
2	Header8	HDR1X8	P6, P10	Header, 8-Pin	Header8
1	Header4	HDR1X4	P7	Header, 4-Pin	Header4
1	Header16	HDR1X16	P9	Header, 16-Pin	Header16
11	Res1	AXIAL-0.3	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R20	Resistor	Res1
1	SW-PB	HDR1X2	S1	Switch	SW-PB
1	ATmega32L-8PI	40P6	U1	8-Bit AVR Microcontroller with 32K Bytes of In System Programmable Flash Memory	ATmega32L-8PI
1	LM78M05CT	LM78XX	U2	3-Terminal Positive Voltage Regulators	LM78M05CT
4	Optoisolator	DIP-4	U3, U4, U5, U6	4-Pin Phototransistor Optocoupler	Optoisolator
1	XTAL	CAPR5.08-7.8x3.2	Y1	Crystal Oscillator	XTAL