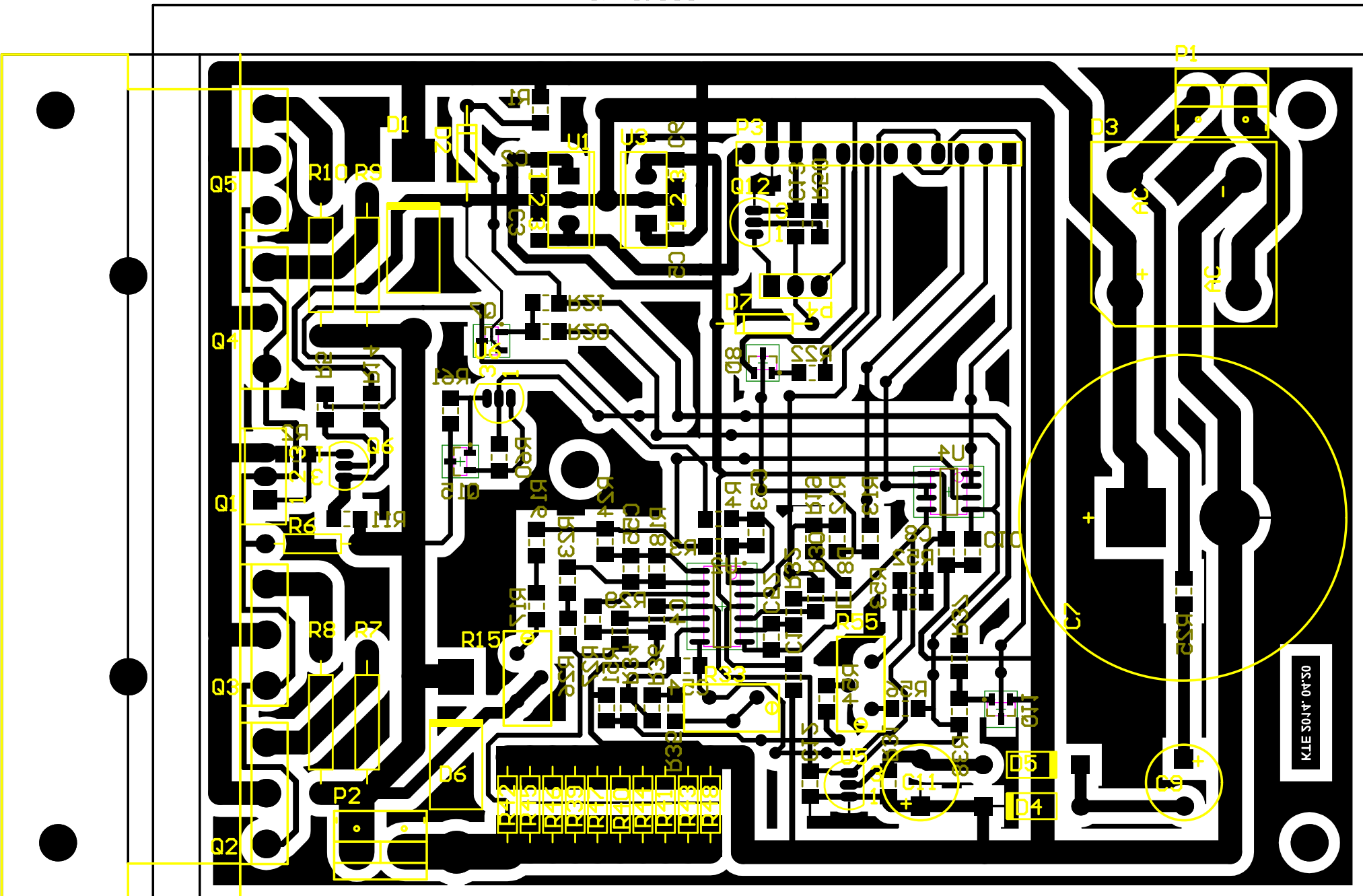


5748.033 (mil)

3570.868 (mil)



Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3, C4, C5, C6, C8, C10, C12, C13, C52, C53, C54, C55	8-1206	Cap	14
Cap Pol1	Polarized Capacitor (Radial)	C7	RB.35	Cap Pol1	1
63V	Polarized Capacitor (Radial)	C9, C11	RB0.2.10	Cap Pol1	2
Diode 1N5400	3 Amp General Purpose Rectifier	D1, D6	DO-201AD	Diode 1N5400	2
16V	Zener Diode	D2	MYZENER0.4	D Zener	1
Bridge1	Full Wave Diode Bridge	D3	GRAETZ_5	Bridge1	1
Diode 1N4007	1 Amp General Purpose Rectifier	D4, D5	DO-41	Diode 1N4007	2
5V1	Zener Diode	D7	MYZENER0.4	D Zener	1
BAV100	General-purpose Diode	D8	SOD80C	BAV100	1
Header 2	Header, 2-Pin	P1, P2	MY_sorkapocs1x2	Header 2	2
Header 12	Header, 12-Pin	P3	HDR1X12	Header 12	1
Header 3	Header, 3-Pin	P4	HDR1X3	Header 3	1
BD241B	Complementary Silicon Plastic Power Transistor	Q1	221A-06	MJE15031	1
TIP3055	Complementary Silicon Power Transistor	Q2, Q3, Q4, Q5	TO-218 V	2N3055	4
BC337-16	Amplifier Transistor NPN Silicon	Q6, Q12	29-04	BC337-16	2
BC846B	NPN General-purpose Transistor	Q7, Q8, Q11, Q15	SOT23_N	BC846B	4
Res2	Resistor	R1, R2, R3, R4, R5, R11, R12, R13, R14, R16, R17, R19, R20, R21, R22, R23, R24, R25, R26, R27, R29, R30, R31, R32, R34, R35, R36, R37, R38, R50, R51, R52, R53, R54, R56, R60, R61	8-1206	Res2	37
Res2	Resistor	R6, R39, R40, R41, R42, R43, R44, R45, R46, R47	AXIAL-0.4	Res2	10
Res2	Resistor	R7, R8, R9, R10	AXIAL-0.6	Res2	4
RPot	Potentiometer	R15, R33, R55	MY_HELIPOT2	RPot	3
1%	Resistor	R18	8-1206	Res2	1
0.6W 1%	Resistor	R48	AXIAL-0.4	Res2	1
MC7805CT	3-Terminal Positive Fixed Voltage Regulator	U1	221A-04	MC7805CT	1
LM324AD	Quad Low-Power Operational Amplifier	U2	751A-02_N	LM324AD	1
MC7818CT	3-Terminal Positive Fixed Voltage Regulator	U3	221A-04	MC7818CT	1
MC4558CD	Wide-Bandwidth Dual Bipolar Operational Amplifier	U4	SO8_N	MC4558CD	1
L79L05ACZ	Negative Voltage Regulator	U5	TO92	L79L05ACZ	1
TL431ACLP	Programmable Precision R	U6	29-04	TL431ACLP	1