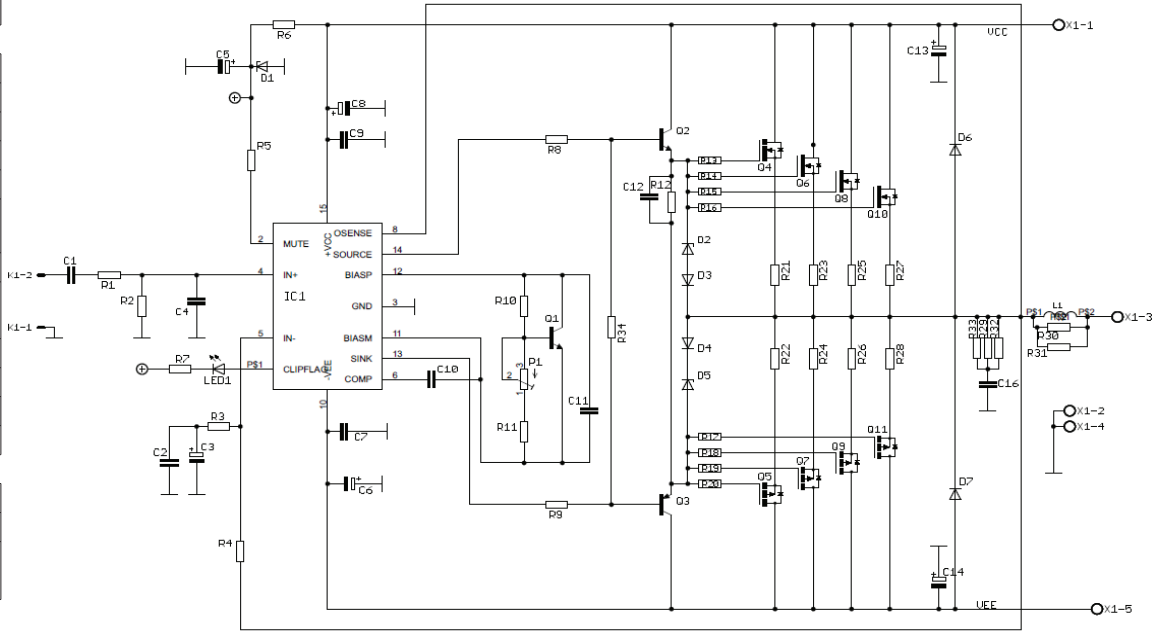
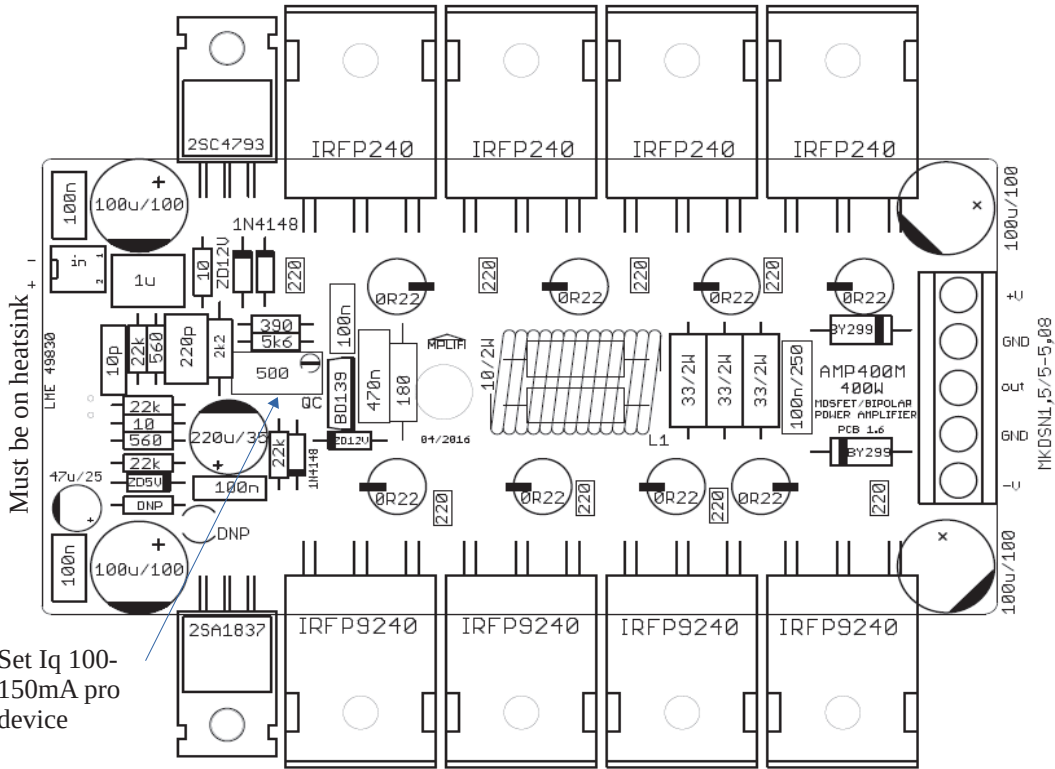


Bill of Materials

Qty	Value	Parts	Package	Device
Capacitors				
1	1u	C1	C050-055X075	foil, 50V
1	10p	C10	C050-025X075	MICA, ceramic, 100V
1	100n	C11	C050-024X044	Foil, 100V
1	470n	C12	C075-032X103	Foil, 100V
1	100n/250	C16	C075-032X103	Foil, 160V min.
1	100n	C2	C050-025X075	Foil, 100V
1	220u/35	C3	E3,5-8	elyt, low impedance
1	220p	C4	C050-024X044	ceramic, 100V
1	47u/25	C5	E2,5-5	elyt, low impedance
4	100u/100	C6, C8, C13, C14	E5-10,5	elyt, low impedance
2	100n	C7, C9	C050-035X075	Foil, 100V
Diodes				
1	ZD5V	D1	ZDIO-7.5	Zener, 0,5W, 5V
2	ZD12V	D2, D5	ZDIO-7.5	Zener, 0,5W, 12V
2	1N4148	D3, D4	D-7.5	DO35
2	BY299	D6, D7	D-10	DO41
1	LED	LED1	red, 3mm	
Ics				
1	LME49830	IC1	TB15A	
Transistors				
1	BD139	Q1	TO126	MJE340
1	2SC4793	Q2	TO220	MJE15032,34
1	2SA1837	Q3	TO220	MJE15033,35
4	IRFP240	Q4, Q6, Q8, Q10	TO-247	IRFP240, IRFP244
4	IRFP9240	Q5, Q7, Q9, Q11	TO-247	IRFP9240
Resistors				
1	500	P1	RTRIMT93YA	multiturn
2	560	R1, R3	0204/7	0204, 0,4W, 1%
1	1k2	R10	0204/7	0204, 0,4W, 1%
1	390	R11	0204/7	0204, 0,4W, 1%
1	180	R12	0309/12	MOX, 5%, 1W
8	220	R13, R14, R15, R16, R17, R18, R19, R20	0204/5	0204, 0,4W, 1%
4	22k	R2, R4, R5, R6	0204/7	0204, 0,4W, 1%
8	0R22	R21, R22, R23, R24, R25, R26, R27, R28	MNS-2	Wirewood, 3-4W
3	33/2W	R29, R32, R33	0309/10	MOX, 5%, 1-2W
2	10/2W	R30, R31	0411/15	MOX, 5%, 1-2W
1	270R	R7	0204/7	0204, 0,4W, 1%
2	10	R8, R9	0204/7	0204, 0,4W, 1%
Others				
1		X1	MKDSN1,5/5-5,08	Conn. 5Pol., pin dist. 5 mm
1		K1	6410-02	Conn.2pol., pin dist. 2,5 mm
1		L1		inductor, enameled wire d1,3mm, 12 turn on dia 8 mm

Power supply voltage +-70-80V.

Power mosfets should be paired to same Vgs with tolerances 5% or should be from same batch



this components difers between mosfet and bipolar version

