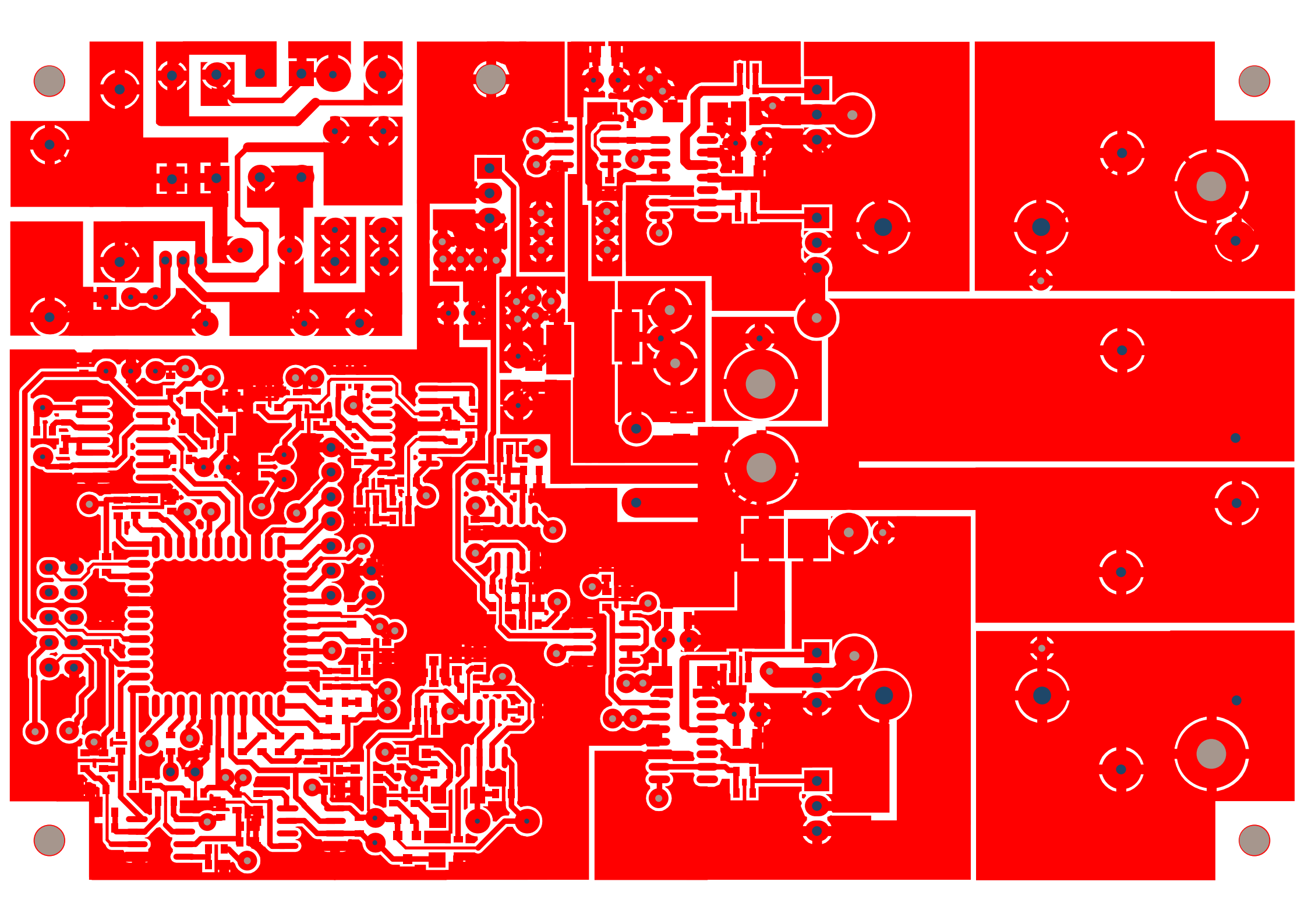




Comment	Description	Designator	Footprint	LibRef	Quantity
100mk_16v		C1, C20, C21	PCBComponent_1	Capacitor_EI	3
3.3n		C2	PCBComponent_1	Capacitor	1
4.7mk_400v		C3	PCBComponent_1	Capacitor_EI	1
0.1mk		C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C22, C23, C24, C30, C31, C32, C33, C34, C35, C38, C40, C41, C44, C45	PCBComponent_1	Capacitor	28
10mk_16v		C18	PCBComponent_1	Capacitor_EI	1
1000mk_10v		C19	PCBComponent_1	Capacitor_EI	1
5.6n		C25	PCBComponent_1	Capacitor	1
15n		C26	PCBComponent_1	Capacitor	1
6.2n		C27, C28	PCBComponent_1	Capacitor	2
22n		C29	PCBComponent_1	Capacitor	1
1000mk_25v		C36	PCBComponent_1	Capacitor_EI	1
10mk_50v		C37, C39, C42, C43	PCBComponent_1	Capacitor_EI	4
3300mk_25v		C46	PCBComponent_1	Capacitor_EI	1
4.7mk		C47, C48, C49, C50	PCBComponent_1	Capacitor	4
TL431AILP	Adjustable Precision Shunt Regulator	DA1	LP03	TL431AILP	1
LM2903D	Dual Differential Comparator	DA2	D008_N	LM2903D	1
LM224D	Quadruple Operational Amplifier	DA3	D014_N	LM224D	1
NE555D	Precision Timer	DA4, DA5	D008_N	NE555D	2
uA7805CKC	Positive-Voltage Regulator	DA6	KC03	uA7805CKC	1
LM2904D	Dual Operational Amplifier	DA7	D008_L	LM2904D	1
LM211D	Differential Comparator with Strobes	DA8, DA9	D008_N	LM211D	2
RS21844		DA10, DA11	SOIC-14	RS21844	2
SN74AC00D	Quadruple 2-Input Positive-NAND Gate	DD1	D014_N	SN74AC00D	1
EPM7064SLJ44		DD2	PLCC44	EPM7064SLJ44	1
30A		FU1	PCBComponent_1	Fuse	1
Ind_1		KT1	PCBComponent_1	KT	1
Ind_2		KT2	PCBComponent_1	KT	1
Ind_4		KT3	PCBComponent_1	KT	1
Ind_8		KT4	PCBComponent_1	KT	1
Ind_16		KT5	PCBComponent_1	KT	1
+5		KT6	PCBComponent_1	KT	1
GND		KT7, KT10, KT11	PCBComponent_1	KT	3
Ind_Error1		KT8	PCBComponent_1	KT	1
Ind_Error2		KT9	PCBComponent_1	KT	1
220		L1	PCBComponent_1	Inductor	1
100		L2, L3, R7, R18, R2	PCBComponent_1	Inductor, Resistor	6
470		R1, R4	PCBComponent_1	Resistor	2
47k		R2, R13	PCBComponent_1	Resistor	2
0		R3, R84	PCBComponent_1	Resistor	2
10k		R5, R10, R26, R31, R53, R54, R56, R59, R61, R62	PCBComponent_1	Resistor, Resistor_var	10
3.3k_0.25W		R6	PCBComponent_1	Resistor	1
2.4k_0.25W		R8	PCBComponent_1	Resistor	1
180k_1W		R9	PCBComponent_1	Resistor	1
56k		R11	PCBComponent_1	Resistor	1
5.1k_0.25W		R12	PCBComponent_1	Resistor	1
120k_1W		R14	PCBComponent_1	Resistor	1
33k		R15, R45, R47, R50	PCBComponent_1	Resistor	4
4.7k		R16, R19, R20	PCBComponent_1	Resistor	3
1k		R17, R39	PCBComponent_1	Resistor	2
2.2k		R22, R23	PCBComponent_1	Resistor	2
39k		R24, R25	PCBComponent_1	Resistor	2
12k		R27	PCBComponent_1	Resistor	1
15k		R28	PCBComponent_1	Resistor	1
1.8k		R29	PCBComponent_1	Resistor	1
2k		R30, R32, R35, R40	PCBComponent_1	Resistor	4
62k		R33, R71, R72	PCBComponent_1	Resistor	3
6.2k		R34	PCBComponent_1	Resistor	1
20k		R36	PCBComponent_1	Resistor	1
22k		R37, R38, R46, R51, R55, R60, R69, R70	PCBComponent_1	Resistor	8
75k*		R41	PCBComponent_1	Resistor	1
22k*		R42	PCBComponent_1	Resistor	1
100k		R43, R52	PCBComponent_1	Resistor	2
2.2M		R44	PCBComponent_1	Resistor	1
150k		R49	PCBComponent_1	Resistor	1
180k		R56	PCBComponent_1	Resistor	1
91k		R57	PCBComponent_1	Resistor	1
130k		R63, R65	PCBComponent_1	Resistor	2
15k		R64, R66	PCBComponent_1	Resistor	2
30k		R67, R68	PCBComponent_1	Resistor	2
330		R73, R74	PCBComponent_1	Resistor	2
15		R75, R76, R77, R78, R79, R80, R81, R82	PCBComponent_1	Resistor	8
0.01		R83	PCBComponent_1	Resistor	1
H1TL1		U1	PCBComponent_1	H1TL1	1
LL4148		VD1, VD2, VD7, VD8	PCBComponent_1	LL4148	4
1N4007		VD3, VD4, VD5, VD6	PCBComponent_1	1N400X	4
SS16		VD9, VD10	PCBComponent_1	SS1X	2
BC857C		VT1, VT2	PCBComponent_1	BC857C	2
BC847C		VT3, VT4	PCBComponent_1	BC847C	2
IRF1010		VT5, VT6, VT7, VT8	PCBComponent_1	IRF1010	4
JTAG		XS1	PCBComponent_1	Altera_JTAG	1
8000KHz		ZQ1	PCBComponent_1	Quartz	1