

BOM gtG ucd 1100 rev 3.0 hp with protect semi smd

Qty	Value	Parts
2	0.05r x 5wt	R19, R20
1	120	R1 (smd 0805)
3	470	R6, R11, R17 (smd 0805)
1	680	R10 (smd 0805)
1	1k	R3 (smd 0805)
3	2k2	R12, R13, R15 (smd 0805)
2	4k7	R21, R24 (5watt th)
2	4k7	R9, R18 (smd 0805)
4	10k	R7, R8, R22, R23(smd 0805)
2	22R	R5, R14 (smd 0805)
1	22k	R2 (smd 0805)
1	47k	R4 (smd 0805)
1	470k	R16 (smd 0805)
1	47p	C15 (smd 0805)
1	220pf	C2 (smd 0805)
1	330p	C11 (smd 0805)
1	1n	C7 (smd 0805)
8	100n	C5, C16, C18, C20, C25, C27, C30, C31 (smd 1206)
5	100n	C1, C14, C17, C21, C28 (th 09/10 100vlts)
1	470nf	C10 (th 09/15 250vlts)
2	1uf	C8, C9 (th 09/15 250vlts)
2	10v /47uf	C19, C26
2	16v 1uf	C6, C13
3	25v/47uf	C12, C23, C24
2	50v/47uf	C3, C4
2	80v 470uf	C22, C29
2	1N4148	D1, D3
2	Zd 3v3	D4, D5(smd MINIMELF)
2	Zd 12vlts	D6, D7(smd MINIMELF)
1	es1d	D2
1	green	LED1
1	IR2110	IC2
1	LM311N	IC1
1	NE555N	IC3
1	30uh x 20amps	L1
1	mmbt 5551	Q7 (smd sot23)
4	mpsa 92	Q1, Q2, Q4, Q5 (th to 93)
2	tip 41	Q8,Q9 (th to 220)
2	irfb4227	Q3, Q6 (th to 220)