



RefDes	Value
C1	220uf / 10V
C2	220uf / 10V
C3	100uf / 16V
C4	22n
C5	100n
C6	10n
C7	100n
C8	100n
C9	100n
C10	22
C11	100n
C12	22
D1	Red LED
D2	SS54
D3	TVS
D4	Red LED
D5	TVS
D6	TVS
J1	Power / RS485 / In 1
J2	Input 2
J3	PWM Output
J4	T6703
J5	BH1750
J6	HTU21D
L1	
L2	
Q1	
Q2	
Q3	
R1	3.3k
R2	3.3k
R3	10k
R4	3.3k
R5	10k
R6	1k
R7	10k
R8	1k
R9	1k
R10	4.7k
R11	4.7k
R12	4.7k
R13	1k
R14	4.7k
R15	1k
R16	4.7k
U1	AMS1117-3.3
U2	AMS1117-5.0
U3	TP8485E
U4	STM32F070F4P6
Y1	8MHz