



RefDes	Value
C1	470uf / 10V
C2	1000uf / 6.3V
C3	100n
C4	100n
C5	10n
C6	1uF
C7	100n
C8	22
C9	100n
C10	100n
C11	100n
C12	22
D1	TVS
D2	Thermostat On
D3	TVS
D4	SM712
F1	0.3A
F2	2A
F3	2A
F4	1812 0.1A
F5	1812 0.1A
J1	AC
J2	Thermostat out
J3	Extra out
J4	Thermostat input
J5	RS485
J6	UART
J7	Thermistor
J8	Program
R1	NTC47D-15
R2	100
R3	100
R4	NTC47D-15
R5	100
R6	NTC47D-15
R7	1k
R8	1k
R9	10k
R10	10k
R11	10k
R12	10k
R13	10k
R14	10k
R15	1k
R16	10k
R17	10k
R18	20k
U1	AMS1117-3.3
U2	HLK-PM01
U3	STM32F070F4P6
U4	ADM485
VO1	G3MB-202P
VO2	G3MB-202P
Y1	8MHz