



RefDes	Value	Name
C1	100uF x25V	CAP100RP
C2	100nF	CAP_0805
C3	50uF x6.3V	CAP100RP
C4	100nF	CAP_0805
C5	0.1uF	CAP_0805
C6	0.1uF	CAP_0805
C7	22pF	CAP_0805
C8	22pF	CAP_0805
D1	1N4007	1N4007
D2	FYL-3004HD	LED
J1	Power 12V	395211002
J2	RS232	644456-3
J3	Direction	644456-2
J4	Program	644456-6
LS1	KPX-G1205A	AI-1223-TWT-5V-R
PH1	SFH5110-36	TSOP34130
PH2	SFH5110-36	TSOP34130
R1	120	RES_0805
R2	120	RES_0805
R3	10k	RES_0805
R4	10k	RES_0805
R5	1k	RES_0805
R6	30	RES_0805
U1	USR-TCP232-T2	USR-TCP232-T2
U2	MAX3232-MiniBoard	MAX3232-MiniBoard
U3	78L05	MC78L05ACD
U4	HEF 4050BP	HEF 4050BP
U5	ATMEGA48PA-AU	QFP32/QFN32-0.6/0.8mm
Y1	14.7456MHz	HC49S