

Soartronic\_uart\_interface\_v2e\_partlist

Part n.	Part		Mfg.	Raster	Note
J1	RJ45GE	RJ45 connector	NINIGI		
J2	RJ45GE				
J3	RJ45GE				
U1	MAX232	MAX232	various		
U2	MAX232				
C1	1uF	ceramic capasitor		R.2.5 mm	*1
C2	1uF				
C3	1uF				
C4	1uF				
C5	1uF				
C6	1uF				
C7	1uF				
C8	1uF				
C9	1uF				
C10	1uF				
C17	100nF	ceramic capasitor		R.2.5mm	
C15	330uF/16v	electrolyt capasitor		R.4mm	*2
C18	330uF/16v				
L1	1uH/1.5A	coil			*2
D1	1N4148	diode			
D2	1N4148				
D7	1N5819	diode			*3

OPTIONAL PARTS. No software support yet for R1 & D3

R1	470	resistor
D3	LED	led
R2	33K	resistor
R3	8.2K	

\*1 Refer max232 datasheet for correct valut of c1-c10 (100nF / 1uF).

\*2 L1 and C15 are used to kill electrical noice.  
C15 can be left out and L1 replaced by wire link.

\*3 D7 is used for reverse polarity protection and can be left out.