

# Diagnostic Rev. 586220 Harness - User Port Rev. 0

## Bill of Material Rev. 0.1

Pos.	Qty	Value	Footprint	Ref.-No.	Comment
1	1	113-2-01-00	2 Layer	PCB Rev. 0	2 layer, Cu 35 $\mu$ , HASL, LLL x BBB, 1.6mm FR4
2	1	2x3 box connector	2X03WV	J2	e.g. Reichelt WSL 6G
3	2	2x5 box connector	2X05WV	J3, J4	e.g. Reichelt WSL 10G
4	1	0R	R-10	R7	0 Ohm bridge
5	3	100n/50V	C-2,5	C1, C2, C3	cer. cap, 2.5mm pitch
6	4	120k	R-10	R1, R2, R5, R6	1/4W, 1%
7	1	150R	R-10	R4	1/4W, 5%
8	1	320R	R-10	R3	1/4W, 5% (316 $\Omega$ works, 330 $\Omega$ should work as well)
9	2	HCF4066B	DIL14	IC1, IC2	ST Micro or equivalent
10	2	DIL 14	DIL14	(IC1), (IC2)	DIL IC sockets
11	1	2x12, 3.96mm pitch	USERPORT	J1	edge connector, C64 user port
12	3	TP 1pin	1,2MM_R	TP1, TP2, TP3	Pin Header, e.g. Reichelt RND 205-00622
13	127cm	10p/AWG28/1,27mm		Doc.-No. 113-3-02-00 & Doc.-No. 113-2-01-00	Ribbon Cable
14	2	6p IDC receptable, 2,54mm		Doc.-No. 113-2-01-00	e.g. Reichelt RND 205-00680
15	2	10p IDC receptable, 2,54mm		Doc.-No. 113-2-02-00	e.g. Reichelt RND 205-00682
16	2	9p D-SUB (female), IDC		Doc.-No. 113-2-02-00	e.g. Reichelt D-SUB BU 09FB
17	1	DIN-plug 6p		Doc.-No. 113-2-03-00	e.g. Reichelt MAS 60
18	4cm	Wire 0,25mm <sup>2</sup> , red		Doc.-No. 113-2-03-00	wire, color what ever