

BOM

	A	B	C	D	E	F	G	H	I
1	Ordered	Description	Req	Mul	Qty	Price	Price (sum)	Id	Link
2									
3									
4		8x RRFDC							
5		ATMEGA 16A-AU, TQFP-44	1	8	8	1.50 €	12.00 €	ATMEGA 16A-AU	http://www.reichelt.de
6		100nF 0805	2	8	100	0.01 €	0.09 €	CC0805JRX7R9104	http://www.tme.eu
7		Tantal 10uF A	1	8	25	0.08 €	1.99 €	TAJA106K006R	http://www.tme.eu
8		10k 0805	3	8	100	0.01 €	0.83 €	SMD0805-10K-1%	http://www.tme.eu
9		DIP Switch 10	1	8	8	0.32 €	2.56 €	NT 10	http://www.reichelt.de
10		Wannenstecker, 34-polig, gerade	1	8	8	0.17 €	1.36 €	WSL 34G	http://www.reichelt.de
11		Pfostenbuchse (34pin)	2	8	16	0.19 €	3.04 €	PFL 34	http://www.reichelt.de
12		Ribboncable (34pin, 3m)	1	1	1	3.20 €	3.20 €	AWG 28-34G 3M	http://www.reichelt.de
13		Wannenstecker, 10-polig, gerade	2	8	16	0.08 €	1.28 €	WSL 10G	http://www.reichelt.de
14		Pfostenbuchse (10pin)	1	9	9	0.08 €	0.72 €	PFL 10	http://www.reichelt.de
15		Ribboncable (10pin, 3m)	1	1	1	3.00 €	3.00 €	AWG 28-10F 3M	http://www.reichelt.de
16		Wannenstecker, 6-polig, gerade	1	8	8	0.17 €	1.36 €	WSL 6G	http://www.reichelt.de
17		Anreihklemme 2pin, 5.08mm	1	8	8	0.31 €	2.48 €	AKL 101-02	http://www.reichelt.de
18		Platinensteckverbinder (5pin)	1	8	8	0.57 €	4.56 €	PS 25/5G BR	http://www.reichelt.de
19		PCB 10x 50x50 Blue (RRFDC)	0	0	0	0.00 €	0.00 €	-	http://www.seeedstudio.com
20		Screw M3x10	4	8	32	0.00 €	0.00 €	-	
21		Abstandshuelse M3x5	4	8	32	0.04 €	1.28 €	DK 5MM	http://www.reichelt.de
22									
23									
24		8x RRLED							
25		LED RGB	2	8	16	0.99 €	15.84 €	LRTB G6TG	http://www.reichelt.de
26		45R (47) 0805	2	8	100	0.01 €	0.83 €	SMD0805-47R-1%	http://www.tme.eu
27		72.5R (82) 0805	1	8	100	0.01 €	0.83 €	SMD0805-82R-1%	http://www.tme.eu
28		PCB 10x 50x50 White (RRLED)	0	0	0	0.00 €	0.00 €	-	http://www.seeedstudio.com
29									
30									
31		1x RRCMD							
32		DOGL Display (128x64, Blue)	1	1	1	21.10 €	21.10 €	DOGL128B-6	http://www.reichelt.de
33		DOGL Backlight (White)	1	1	1	16.85 €	16.85 €	LED68X51-W	http://www.reichelt.de
34		ATMEGA 1284P-AU	1	1	1	5.90 €	5.90 €	ATMEGA 1284P-AU	http://www.reichelt.de
35		Crystal (20Mhz, HC49)	1	1	1	0.24 €	0.24 €	20,0000-HC49-SMD	http://www.reichelt.de
36		22pF	2	1	2	0.05 €	0.10 €	NPO-G0805 22P	http://www.reichelt.de
37		LDO 3.3V 0.15A SOT235	1	1	1	0.29 €	0.29 €	TS 5205 CX533	http://www.reichelt.de
38		LM317 SOT-223	1	1	1	0.77 €	0.77 €	LM 317 EMP	http://www.reichelt.de
39		HC4050	1	1	1	0.26 €	0.26 €	SMD HC 4050	http://www.reichelt.de
40		470pF 0805	1	1	1	0.05 €	0.05 €	NPO-G0805 470P	http://www.reichelt.de
41		100nF 0805	3	1	100	0.01 €	0.60 €	CC0805JRX7R9104	http://www.tme.eu
42		2.2uF 0805	10	1	100	0.02 €	2.44 €	0805YG2252AT2A	http://www.tme.eu
43		Tantal 10uF A	1	1	25	0.08 €	1.99 €	TAJA106K006R	http://www.tme.eu
44		10k 0805	6	1	100	0.01 €	0.83 €	SMD0805-10K-1%	http://www.tme.eu
45		47k 0805	1	1	100	0.01 €	0.83 €	SMD0805-47K-1%	http://www.tme.eu
46		33R (31.25) 0805	1	1	100	0.01 €	0.83 €	SMD0805-33R-1%	http://www.tme.eu
47		Platinensteckverbinder (5pin)	1	1	1	0.57 €	0.57 €	PS 25/5G BR	http://www.reichelt.de
48		Wannenstecker, 10-polig, gerade	3	1	3	0.08 €	0.24 €	WSL 10G	http://www.reichelt.de
49		Wannenstecker, 6-polig, gerade	1	1	1	0.17 €	0.17 €	WSL 6G	http://www.reichelt.de
50		Anreihklemme 2pin, 5.08mm	2	1	2	0.31 €	0.62 €	AKL 101-02	http://www.reichelt.de
51		Drehimpulsgeber	1	1	1	3.95 €	3.95 €	STEC11B09	http://www.reichelt.de
52		Knopf	1	1	1	3.30 €	3.30 €	KNOPF 28-6 AL	http://www.reichelt.de
53		Deckel	1	1	1	0.22 €	0.22 €	DECKEL 28M SW	http://www.reichelt.de
54		PCB 5x 100x100 Red (RRCMD)	0	0	0	0.00 €	0.00 €	-	http://www.seeedstudio.com
55		Screw M3x5	8	1	8	0.04 €	0.29 €	B3X5/BN272	http://www.tme.eu
56									
57									
58		1x RRSDC							
59		MMC/SD Holder	1	1	1	0.81 €	0.81 €	MCC-SD/1	http://www.tme.eu
60		100nF 0805	1	1	100	0.01 €	0.60 €	CC0805JRX7R9104	http://www.tme.eu
61		Wannenstecker, 10-polig, gerade	1	1	1	0.08 €	0.08 €	WSL 10G	http://www.reichelt.de
62		Pfostenbuchse (10pin)	2	1	2	0.08 €	0.16 €	PFL 10	http://www.reichelt.de
63		Ribboncable (10pin, 3m)	1	1	1	3.00 €	3.00 €	AWG 28-10F 3M	http://www.reichelt.de
64		PCB 5x 50x50 Red (RRSDC)	0	0	0	0.00 €	0.00 €	-	http://www.seeedstudio.com
65		Screw M3x5	4	1	4	0.04 €	0.14 €	B3X5/BN272	http://www.tme.eu
66		Abstandshuelse M3x6	2	1	2	0.10 €	0.20 €	TFF-M3X6/DR113	http://www.tme.eu
67									
68									
69		Mechanical							
70		Plate (Main)	1	1	1	118.29 €	118.29 €	-	http://www.schaeffer-ag.de
71		Plate (Display)	1	1	1	65.37 €	65.37 €	-	http://www.schaeffer-ag.de
72		Plate (Holder)	1	1	1	31.40 €	31.40 €	-	http://www.schaeffer-ag.de
73		Shipping	1	1	1	4.95 €	4.95 €	-	http://www.schaeffer-ag.de
74									
75									
76		Misc							
77		Power supply (5V, 8A)	1	1	1	18.10 €	18.10 €	SNT MW40-05	http://www.reichelt.de
78		Power cord	1	1	1	1.40 €	1.40 €	NKS 200 SW	http://www.reichelt.de
79		Power cable	1	1	1	1.40 €	1.40 €	LAT 275-5	http://www.reichelt.de
80									
81		SD Card 4GB	1	1	1	3.80 €	3.80 €	SAMSUNG MB-SS4GA	http://www.reichelt.de
82									
83		Floppy drives	1	8	1	26.00 €	26.00 €	-	http://www.ebay.de
84		Floppy Y Stromkabel	0.5	8	4	1.59 €	6.36 €	-	http://www.ebay.de
85		Shipping	1	1	1	2.60 €	2.60 €	-	http://www.ebay.de
86		Screw M3x5	8	8	64	0.04 €	2.30 €	B3X5/BN272	http://www.tme.eu
87		Abstandshuelse M3x6	4	8	32	0.10 €	3.26 €	TFF-M3X6/DR113	http://www.tme.eu
88									
89		Hex Bolt M5x50	4	1	4	0.00 €	0.00 €	-	
90									
91		PCBs manufacturing, shipping, tax	1	1	1	130.00 €	130.00 €	(price may be incorrect!)	http://www.seeedstudio.com
92									
93		Shipping	1	1	1	5.60 €	5.60 €	-	http://www.reichelt.de
94		Shipping	1	1	1	5.90 €	5.90 €	-	http://www.tme.eu
95									
96									
97									
98							SUM 552.03 €	(for 8 drives)	