

usb-relay-box1 v1

Quantity (fmc-fd, fmc-tdc)	Quantity (fmc-adc)	Comment	Description	Designator	Case	Supplier	Supplier ref.
1	1	1uF	Non-polarised capacitor	C1	0805	Farnell	2118131
7	10	100nF	Non-polarised capacitor	C2, C4, C5, C6, C8, C9, C10, C11, C12, C13	0603	Farnell	1414664
1	2	10uF	Polarised capacitor	C3, C7	A	Farnell	1457412
5	6	MBR0540T1G	Schottky Diode	D1, D2, D4, D5, D6, D7	SOD-123	Farnell	9556923
1	1	PRTR5V0U2X	Ultra Low Capacitance Double Rail-to-Rail ESD Protection Diode	D3	SOT143B	Farnell	1524157
1	1	CP2103	USB-UART bridge	IC1	QFN28	Farnell	1291538
2	2	LMV324ID	Quad Operational Amplifier	IC2, IC5	SOIC14	Farnell	1102986
1	1	74HCT139D	Dual 2-to-4 line decoder/demultiplexer	IC3	SOIC16	Farnell	9591834
0	1	ADR445BRZ	5V Ultralow Noise, LDO XFET Voltage References with Current Sink and Source	IC4	SOIC8	Farnell	1274151
0	1	AD8628ARZ	Operational Amplifier	IC6	SOIC8	Farnell	8621586
1	1	USB	4 Pin + 1 Shield USB Receptacle	J1		Farnell	1076665
7	7	EPK.00.250.NTN	90deg LEMO 00 socket	J2, J3, J4, J5, J6, J7, J8		CERN	09.46.11.180.6
1	1	Green	LED Green 1C 2A	LD1		Farnell	1306035
5	5	3k3	Resistor - 1%	R1, R2, R3, R4, R10	0603	Farnell	1099804
1	2	0	Resistor - 1%	R5, R6, R7	0603	Farnell	2059527
0	1	270k	Resistor - 0.1%	R9	0805	Radiospares	565-958
0	1	27k	Resistor - 0.1%	R11	0805	Farnell	1108902
0	1	3k	Resistor - 0.1%	R12	0805	Farnell	1108877
1	2	G6K-2FY 5DC	DPDT Subminiature Relay, G6K-2 Serie	RL1, RL3,		Farnell	4446239
4	4	G6K-2F-RF-DC5	DPDT Subminiature Relay, G6K-2 Serie, RF	RL2, RL4, RL5, RL6		Farnell	1448182
1	1	1593KBK	Black ABS box 28x65x65			Farnell	930180
1	1		PCB 56x48mm 2 layers			Eurocircuits	

usb-relay-box1 v1

Unit price (CHF)	Unit price (Euro)	Total price (CHF) fmc-adc	Total price (CHF) fmc-fd, fmc-tdc
0.19	0.15	0.19	0.19
0.03	0.02	0.30	0.21
0.23	0.19	0.46	0.23
0.48	0.39	2.91	2.42
0.35	0.28	0.35	0.35
3.77	3.01	3.77	3.77
0.50	0.40	0.99	0.99
0.18	0.14	0.18	0.18
6.70	5.35	6.70	0.00
2.59	2.07	2.59	0.00
1.85	1.48	1.85	1.85
7.05		49.35	49.35
0.61	0.48	0.61	0.61
0.03	0.02	0.13	0.13
0.01	0.01	0.03	0.01
0.38	0.30	0.38	0.00
0.83	0.66	0.83	0.00
1.72	1.37	1.72	0.00
5.56	4.44	11.13	5.56
23.12	18.47	92.49	92.49
2.97	2.38	2.97	2.97
20.24	16.17	20.24	20.24
Conversion rate		200.16	181.57
1.25181742			