

Bill of Material for ICDI

Description	Comment	Designator	Footprint	Quantity	Order Code	Supplier	Price (CHF)	Price (Total)
Capacitor	100nF	C1, C2, C3, C4, C5, C6, C7, C8, C9, C12	0603	10	Stock		SFr. 0.05	SFr. 0.50
Capacitor	20pF	C11, C15	0603	2	Stock		SFr. 0.05	SFr. 0.10
Capacitor	22uF	C13	1210	1	Stock		SFr. 0.40	SFr. 0.40
Capacitor	10uF	C14	1210	1	Stock		SFr. 0.30	SFr. 0.30
Typical BLUE SiC LED	LED3	D1, D2	0805_L	2	1685056	Farnell	SFr. 0.97	SFr. 1.94
USB Mini-B Receptacle	0481900001	J1	481900001	1	327 584-0	Compona	SFr. 2.14	SFr. 2.14
Inductor	Value	L1, L2	0603	2	1292698	Farnell	SFr. 0.35	SFr. 0.69
Header, 10-Pin, Dual row	Header 10X2	P1	HDR2X10	1	247 678-6	Compona	SFr. 0.89	SFr. 0.89
Header, 5-Pin, Dual row	MHDR2X5	P2	MHDR2X5	1	1577747	Farnell	SFr. 1.45	SFr. 1.45
Header, 4-Pin, Dual row	MHDR2X4	P3	MHDR2X4	1	1577749	Farnell	SFr. 2.45	SFr. 2.45
Resistor	10k	R1, R5, R6, R9, R10, R11, R12, R16, R17, R18, R24	0603	11	Stock		SFr. 0.05	SFr. 0.55
Resistor	27	R2, R4, R7	0603	3	Stock		SFr. 0.05	SFr. 0.15
Resistor	10	R3	0603	1	Stock		SFr. 0.05	SFr. 0.05
Resistor	475	R8	0603	1	Stock		SFr. 0.05	SFr. 0.05
Resistor	27E	R13, R14	0603	2	Stock		SFr. 0.05	SFr. 0.10
Resistor	1k5	R15	0603	1	Stock		SFr. 0.05	SFr. 0.05
Resistor	330	R19, R23	0603	2	Stock		SFr. 0.05	SFr. 0.10
Resistor	2k21	R20	0603	1	Stock		SFr. 0.05	SFr. 0.05
Resistor	2k7	R21	0603	1	Stock		SFr. 0.05	SFr. 0.05
Resistor	3k9	R22	0603	1	Stock		SFr. 0.05	SFr. 0.05
Switch	SW-PB	S1	PUSHBTN	1	Stock		SFr. 1.50	SFr. 1.50
Quadruple Bus Buffer Gate with 3-State Outputs	SN74LVC125PWLE	U1, U2	PW014_N	2	1102981	Farnell	SFr. 0.82	SFr. 1.64
Quadruple Bus Buffer with 3-State Outputs	SN74LS126AN	U3	PW014_N	1	1287585	Farnell	SFr. 0.70	SFr. 0.70
Dual USB UART/FIFO Chip, LQFP-48	FT2232D R	U4	LQFP-48_N	1	768-1010-1-ND	DigiKey	SFr. 7.60	SFr. 7.60
1K, 64xEEPROM, 1K, 64X16, MICROWIRE, SOIC8	CAT93C46VI-G	U5	SOIC-SN8_N	1	1631146	Farnell	SFr. 0.55	SFr. 0.55
800mA Low-Dropout Linear Regulator	LM1117IMP-ADJ	U6	MP04A_N	1	1469050	Farnell	SFr. 1.95	SFr. 1.95
Crystal Oscillator	XTAL	Y1	XTAL	1	741 288-1	Compona	SFr. 1.30	SFr. 1.30

SFr. 27.30

Additional Material	Comment	Designator	Footprint	Quantity	Order Code	Supplier	Price (CHF)	Price (Total)
Printed Circuit Board				1		pcb-pool	SFr. 22.70	SFr. 22.70
USB Cable				1		Alltron	SFr. 6.00	SFr. 6.00
Flat Ribbon Cable				1			SFr. 1.00	SFr. 1.00
Crimp Connector				2		FCI	SFr. 1.20	SFr. 2.40

SFr. 32.10