

Qty	Part	Description	Package	Value	Rating U	Rating I	Rating P	Manufacturer	MPN	Source	Article no.	Unit price	Tot.price
1	C1	Capacitor, film/ceramic	C50-25X75	1n	50V			Epcos	B32529C0102K000	Farnell	9752897	1,58	1,58
16	C2, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C19, C20, C21	Capacitor, film/ceramic	C50-25X75	100n	50V			Epcos	B32529C0104K189, B32529C0104K000	Farnell	2281182, 9750878	0,53	8,53
2	C3, C29	Capacitor, film/ceramic	C50-25X75	100p	50V			Vishay	S101K29SL0N6UJ5R	Farnell	2860143	1,66	3,32
8	C22, C23, C24, C25, C26, C27, C28, C30	Capacitor, film/ceramic	C50-25X75	10n	50V			Epcos	B32529C0103J189, B32529C0103J000	Farnell	2281179, 2112765	0,58	4,66
5	C16, C17, C18, C31, C32	Capacitor, electrolytic	PCAP-2X5	10u	35V			Multicomp	MCMR50V106M5X7	Farnell	1870975	0,69	3,44
9	D1, D2, D3, D4, D5, D6, D7, D8, D9	Diode	DO-35	1N4148	75V	0.1A		Vishay	1N4148-TAP	Farnell	2889103	0,90	8,06
1	D10	TVS clamp/Zener diode	DO-201	1N5908	8V	60A		ST Microelectronis	1N5908	Farnell	2629699	12,86	12,86
1	IC1	Microprocessor	DIL40	8085AH	5V			Intel, NEC, Mitsubishi, Toshiba	8085AH, 8085AH-2	eBay	-	70,00	70,00
1	IC2	Programmable parallel i/o-port and timer	DIL40	8155H, 8156H	5V			Intel, NEC, Mitsubishi, Toshiba	8155H, 8156H	eBay	-	40,00	40,00
1	IC3	Programmable serial communication interface	DIL28	8251A	5V			Intel, NEC	8251A	eBay	-	50,00	50,00
1	IC4	EPROM 8kByte	DIL28	2764	5V			Microchip	AT28C64B-15PU	Farnell	1095784	38,37	38,37
1	IC5	Static RAM 32kByte	DIL28	62256P	5V			IDT	71256SA25TPG	Farnell	3381438	28,30	28,30
1	IC6	Serial EEPROM	DIL08	25LC256P	5V			Microchip	25LC256-IP	Farnell	1331398	10,77	10,77
1	IC7	Octal latch	DIL20	74HCT373N	5V			Texas Instr.	CD74HCT373E	Farnell	1105988	5,64	5,64
1	IC8	Dual D-type F/F	DIL14	74HCT74N	5V			Texas Instr.	SN74HCT74N	Farnell	3120058	3,13	3,13
1	IC9	3-to-8 line decoder	DIL16	74HCT138N	5V			Texas Instr.	SN74HCT138N	Farnell	3119923	4,35	4,35
1	IC10	Hex schmidt trigger inverter	DIL14	74HCT14N	5V			Texas Instr.	SN74HCT14N	Farnell	3120502	4,47	4,47
2	IC11, IC13	Quad or gate	DIL14	74HCT32N	5V			Texas Instr.	SN74HCT32N	Farnell	3120505	3,45	6,90
1	IC12	Decade counter	DIL14	74LS90N	5V			Texas Instr.	SN74LS90N	eBay	-	10,00	10,00
2	IC14, IC15	Analog to Digital converter	DIL20	ADC0801	5V			Multiple mfg.	ADC0801 ..02 ..03 ..04	eBay	-	21,00	42,00
1	IC16	Digital to Analog converter	DIL16	AD7524JN	5V			Texas Instr.	TLC7524CN	Farnell	3005716	37,77	37,77
3	IC17, IC18, IC19	Hex inverter	DIL14	74HCT04N	5V			Texas Instr.	SN74HCT04N	Farnell	3120494	3,49	10,47
1	IC20	Dual Rail-2-Rail comparator	DIL08	LMC6772N	5V			Texas Instr.	LMC6772BIN	Farnell	3005543	24,87	24,87
2	IC21, IC22	Dual Rail-2-Rail OP amp	DIL08	MCP6002	5V			Microchip	MCP6002-I/P	Farnell	1292245	3,01	6,02
2	(IC1), (IC2)	IC socket DIL40	DIL40					TE	1-2199299-5	Farnell	2453477	4,71	9,42
3	(IC3), (IC4), (IC5)	IC socket DIL28	DIL28					TE	1-2199299-2	Farnell	2453476	3,10	9,30
3	(IC7), (IC14), (IC15)	IC socket DIL20	DIL20					TE	1-2199298-6	Farnell	2445624	2,01	6,03
2	(IC9), (IC16)	IC socket DIL16	DIL16					TE	1-2199298-4	Farnell	2445622	1,27	2,54
8	(IC8), (IC10), (IC11), (IC12), (IC12), (IC17), (IC18), (IC19)	IC socket DIL14	DIL14					TE	1-2199298-3	Farnell	2445621	1,16	9,28
4	(IC6), (IC20), (IC21), (IC22)	IC socket DIL8	DIL08					TE	1-2199298-2	Farnell	2445620	1,10	4,40
3	R1, R32, R39	Resistor	0204-5	4k7			0.125W	Multicomp	MF12 4K7	Farnell	9343253	0,35	1,05
4	R2, R3, R4, R16	Resistor	0204-5	470R			0.125W	Multicomp	MF12 470R	Farnell	9343245	0,35	1,40
4	R5, R17, R18, R41	Resistor	0204-5	47R			0.125W	Multicomp	MF12 47R	Farnell	9343288	0,35	1,40
8	R6, R12, R13, R14, R15, R29, R36, R43	Resistor	0204-5	10k			0.125W	Multicomp	MF12 10K	Farnell	9342419	0,35	2,80
3	R7, R28, R44	Resistor	0204-5	47k			0.125W	Multicomp	MF12 47K	Farnell	9343261	0,35	1,05
15	R8, R9, R10, R11, R19, R20, R21, R22, R23, R24, R25, R26, R27, R35, R38	Resistor	0204-5	1k			0.125W	Multicomp	MF12 1K	Farnell	9342400	0,35	5,25
3	R30, R31, R40	Resistor	0204-5	100k			0.125W	Multicomp	MF12 100K	Farnell	9342427	0,35	1,05
2	R33, R34	Resistor	0204-5	18k			0.125W	Multicomp	MF12 18K	Farnell	9342745	0,35	0,70
1	R37	Resistor	0204-5	1M			0.125W	Multicomp	MF12 1M	Farnell	9342435	0,35	0,35
1	R42	Resistor	0207-10	68R			0.25W	Multicomp	MCF 0.25W 68R	Farnell	9339647	0,25	0,25
2	RN1, RN2	SIL resistor 9-pin	SIL9	1k			0.2W	Bourns	4609X-101-102LF	Farnell	9356800	4,19	8,38
2	RN3, RN4	SIL resistor 9-pin	SIL9	10k			0.2W	Bourns	4609X-101-103LF	Farnell	9356819	3,26	6,52
1	RN5	SIL resistor 7-pin	SIL7	10k			0.2W	Bourns	4607X-101-103LF	Farnell	2321775	7,61	7,61
2	P1, P2	Trim potentiometer w knob	RS3	10k			0.5W	Bourns	3386F-1-103TLF	Farnell	9354565	26,24	52,48
9	LD0, LD1, LD2, LD3, LD4, LD5, LD6, LD7, LD16	LED rectangular	LED2X5	GREEN	2V	0.02A		Kingbright	L-103GDT	Farnell	2314269	1,46	13,14
9	LD8, LD9, LD10, LD11, LD12, LD13, LD14, LD15, LD17	LED rectangular	LED2X5	RED	2V	0.02A		Kingbright	L-103IDT	Farnell	2314268	1,47	13,23
1	LED1	LED round	LED5MM	WHITE	3.2V	0.02A		CREE	C503D-WAN-CCBEB151	Farnell	2839895	2,52	2,52
1	SP1	Transducer	D12MM	ABT-410-RC	3Vp-p			Multicomp	ABT-410-RC	Farnell	1022402	14,44	14,44
3	SW1, SW2, SW3	Tactile switch	B3F-10XX	B3F-1000	24V	0.05A		Omron	B3F-1000	Farnell	176432	2,07	6,21
1	T1	N-ch MOSFET small signal	TO92	BS170	60V	0.5A	0.8W	ON Semi	BS170	Farnell	1017687	3,07	3,07
1	X1	Crystal	HC49U-V	6.144MHz				Citizen	HC49US6.144MABJ-UB	Farnell	1611724	3,58	3,58
1	J1	USB virtual serial port	Module	LC234X	5V	0.45A		FTDI	LC234X	Farnell	2753006	63,98	63,98
1	J2	DC-jack	2MM C-PIN	MJ-179PH	12V	4A		Multicomp	MJ-179PH	Farnell	1737246	7,38	7,38
1	JP1	3-pin select power source	JP3X2.5					Amphenol ICC	10129378-936004BLF	Farnell	3497313	4,31	4,31
1	JP2	Strap selector. Solder wire at PCB to select IC2 alternative	-	-									0,00
7	JP3, JP4, JP5, JP6, JP7, JP8, JP9	2-pin function on/off select	JP2X2.5					Multicomp	MC-2228AG	Farnell	2834671	0,41	2,87
1	PCB 2-lyr 35u	micro8085v1										100,00	100,00
											SEK	Total:	801,49