

Item	Omrijving	Nodig	Min order	Leverancier	Prijs	Totaal	Link
C1	100uF/16V	1	1	Sinuss	€ 0,22	€ 0,22	https://sinuss.nl/componenten/passieve-componenten/condensatoren/aluminium-electrolytic/aluminium-electrolytic-capacitors-leaded/9452222-mcumr16v107m63x5-cap-100f-16v-20-multicomp-pro
C11, C21, C24, C25, C26	10nF	5	5	Dutch RF Shop	€ 0,06	€ 0,30	https://dutchrfshop.nl/nl/keramisch-50v/730-68-keramisch-50-volt.html#92-keramisch_waarde-12pf
C15, C16	1nF	2	2	Dutch RF Shop	€ 0,06	€ 0,12	https://dutchrfshop.nl/nl/keramisch-50v/730-68-keramisch-50-volt.html#92-keramisch_waarde-12pf
C17, C18, C22, C23	470nF	4	4	Dutch RF Shop	€ 0,10	€ 0,40	https://dutchrfshop.nl/nl/keramisch-multilayer/927-685-keramisch-multilayer.html#350-multilayer_waarde-4p7
C2, 3, 6, 7, 8, 10, 12, 13, 14, 19, 20, 27, 33, 34	100nF	14	14	Sinuss	€ 0,06	€ 0,84	https://sinuss.nl/componenten/passieve-componenten/condensatoren/ceramic-multi-layer/ceramic-multilayer-mlcc-capacitors-leaded/1141777-k104k15x7f53h5-cap-01f-50v-10-x7r-vishay
C28	33pF	1	1	Dutch RF Shop	€ 0,06	€ 0,06	https://dutchrfshop.nl/nl/keramisch-50v/730-68-keramisch-50-volt.html#92-keramisch_waarde-12pf
C4, C5, C9	10uF/16V	3	3	Sinuss	€ 0,10	€ 0,30	https://sinuss.nl/componenten/passieve-componenten/condensatoren/aluminium-electrolytic/aluminium-electrolytic-capacitors-leaded/9451692-mcrh16v106m5x11-cap-10f-16v-20-multicomp-pro
CON1, CON2	3,5mm socket	2	10	Sinuss	€ 1,08	€ 10,80	https://sinuss.nl/componenten/connectoren/audio-video-connectors/phone-audio/2518188-fc68131-stereo-jack-35mm-3pos-pcb-cliff-electronic-components
D1	1N4007	1	1	Sinuss	€ 0,32	€ 0,32	https://sinuss.nl/componenten/halfgeleiders-sensors/diodes/rectifiers/standard-recovery-rectifiers-1t-600v/1467514-1n4007-diode-standard-1a-1000v-do-41-on-semiconductor
For LCD connection	Receptacle 6 way	2	2	Sinuss	€ 1,52	€ 1,52	https://sinuss.nl/componenten/connectoren/pc-board/board-to-board/1668352-ssw-106-01-g-s-receptacle-254mm-single-6way-samtec
For LPF connection	Receptacle 4 way	2	2	Sinuss	€ 1,04	€ 2,08	https://sinuss.nl/componenten/connectoren/pc-board/board-to-board/1668342-ssw-104-01-g-s-receptacle-254mm-single-4way-samtec
For U4	SOIC adapter	1	1	Sinuss	€ 5,12	€ -	https://sinuss.nl/gereedschap/elektronica-gereedschap/pcb/ic-adapters/2476033-icqt-soic8-8-ic-adaptor-8-soic-to-dip-254mm-aries
J1, J2, J3	Pin Header 90deg	1	1	Sinuss	€ 0,77	€ 1,52	https://sinuss.nl/componenten/connectoren/pc-board/board-to-board/2888930-22-28-8063-connector-header-6pos-1row-254mm-molex
J4	SMA header	1	1	Dutch RF Shop	€ 0,89	€ 0,89	https://dutchrfshop.nl/nl/sma/867-sma-print-connector-female.html
L1, L2	100uH	2	2	Dutch RF Shop	€ 0,25	€ 0,50	https://dutchrfshop.nl/nl/axial-1-watt/148-1000pf-500v.html
L3	T37-2	1	1	Dutch RF Shop	€ 0,49	€ 0,49	https://dutchrfshop.nl/nl/ringkernen/314-t37-2.html
Q1, Q2, Q3, Q4	BS170	4	5	Sinuss	€ 0,59	€ 2,95	https://sinuss.nl/componenten/halfgeleiders-sensors/transistors/mosfets/mosfets-1t-600v/1017687-bs170-n-channel-mosfet-500ma-60v-to-92-on-semiconductor
R15, R18, R19, R20, R24	Weerstand 10k	12	12	dutch RF Shop	€ 0,05	€ 0,60	https://dutchrfshop.nl/nl/kool-weerstanden/883-648-weerstand-14-watt-10k-tot-10m.html#298-koolweerstand_1_4_watt-10k
R16	Weerstand 3k3	1	1	dutch RF Shop	€ 0,05	€ 0,05	https://dutchrfshop.nl/nl/kool-weerstanden/882-597-weerstand-14-watt-tot-10k.html#248-koolweerstand_1_4_watt-1_ohm
R2, R17, R21, R25	Weerstand 1k	4	4	dutch RF Shop	€ 0,05	€ 0,20	https://dutchrfshop.nl/nl/kool-weerstanden/882-597-weerstand-14-watt-tot-10k.html#248-koolweerstand_1_4_watt-1_ohm
R22	Weerstand 1k 0,5W	1	1	dutch RF Shop	€ 0,15	€ 0,15	https://dutchrfshop.nl/nl/kool-weerstanden/622-188-kool-weerstand-2-watt-5.html#204-koolweerstand_2_watt-270_ohm
R23	Weerstand 470R	1	1	dutch RF Shop	€ 0,05	€ 0,05	https://dutchrfshop.nl/nl/kool-weerstanden/882-597-weerstand-14-watt-tot-10k.html#248-koolweerstand_1_4_watt-1_ohm
R4, R5, R8, R9	Weerstand 100R	4	4	dutch RF Shop	€ 0,05	€ 0,20	https://dutchrfshop.nl/nl/kool-weerstanden/883-648-weerstand-14-watt-10k-tot-10m.html#298-koolweerstand_1_4_watt-10k
R6, R7	Weerstand 82k	2	2	dutch RF Shop	€ 0,05	€ 0,10	https://dutchrfshop.nl/nl/kool-weerstanden/882-597-weerstand-14-watt-tot-10k.html#248-koolweerstand_1_4_watt-1_ohm
RV1	Potmeter	1	1	Sinuss	€ 1,35	€ 1,35	https://sinuss.nl/componenten/passieve-componenten/weerstanden/potentiometers--trimming/3128456-pt10lv10-103a2020-pm-s-trimmer-10k-015w-1turn-amphephenol-piher-sensors-and-controls
SW1, SW2	Button	2	2	Sinuss	€ 2,77	€ 5,54	https://sinuss.nl/componenten/schakelaars/tactile/1132875-ra3ct19-switch-spn0-black-multimec
SW3	Rotary encoder	1	1	Sinuss	€ 2,29	€ 2,29	https://sinuss.nl/componenten/halfgeleiders-sensors/rotary-encoders/2474844-pec11r-4215f-s0024-incremental-encoder-2ch-24pulse360deg-bourns
U1	L7805CV	1	1	Sinuss	€ 0,77	€ 0,77	https://sinuss.nl/componenten/halfgeleiders-sensors/ics/voltage-regulators/linear-voltage-regulators-adjustable/9756078-l7805cv-ic-v-reg-50v-7805-to-220-3-stmicroelectronics
U2	28 pin IC voet	1	1	Sinuss	€ 1,07	€ 1,07	https://sinuss.nl/componenten/connectoren/ic-component-sockets/2672306-4828-3004-cp-dip-socket-28pos-2row-254mm-th-3m
U2	ATMEGA328p	1	1	Sinuss	€ 3,23	€ 3,23	https://sinuss.nl/componenten/halfgeleiders-sensors/ics/microcontrollers/microcontrollers-mcu-8-bit/1715487-atmega328p-pu-mcu-8bit-atmega-20mhz-dip-28-microchip
U3	Display RC1602A	1	1	Dutch RF Shop	€ 3,25	€ 3,25	https://dutchrfshop.nl/nl/lcd/78-1n4004.html
U4	LM4562 (SOIC)	1	1	Sinuss	€ 2,55	€ -	https://sinuss.nl/componenten/halfgeleiders-sensors/ics/amplifiers/audio-power/3004534-lm4562maxnopb-audio-amplifier-55mhz-20vus-soic-8-texas-instruments
U4	LM4562 DIP	1	1	Sinuss	€ 3,67	€ 3,67	https://sinuss.nl/componenten/halfgeleiders-sensors/ics/amplifiers/operational/1685366-lm4562nanopb-op-amp-audio-dual-hf-8-dip-powerwise-texas-instruments
U5	FST3253	1	1	Sinuss	€ 0,84	€ 0,84	https://sinuss.nl/componenten/halfgeleiders-sensors/ics/logic/multiplexers-demultiplexers/1750447-sn74cbit3253cd--logic-muxdemux-fet-dual-16soic-texas-instruments
U6	SI5351	1	1	Kiwi	€ 9,50	€ 9,50	https://www.kiwi-electronics.nl/adafruit-si5351a-clock-generator-breakout-board--8khz-to-160mhz?gclid=EAlaQobChMI4Y_0x-rE6gIVSeJ3Ch0QpQ7EQAQYASABEgl7bPD_BwE
U7	74ACT00	1	1	Sinuss	€ 0,80	€ 0,80	https://sinuss.nl/componenten/halfgeleiders-sensors/ics/logic/gatesinverters/1102992-cd74act00e--74act-cmos-74act00-dip14-55v-texas-instruments
Various	Connector header 36p	1	1	Sinuss	€ 5,75	€ 5,75	https://sinuss.nl/componenten/connectoren/pc-board/board-to-board/1022263-m20-9993645-connector-header-tht-254mm-36way-harwin
Y1	Xtal 20MHz	1	1	Dutch RF Shop	€ 0,30	€ 0,30	https://dutchrfshop.nl/nl/kristallen/949-20-mhz-kristal.html
	PCB	1	1	PCB Way	€ 2,50	€ 2,50	
	LPF	1	1	QRP labs	€ 5,00	€ 5,00	http://shop.qrp-labs.com/LPF
	Totaal				€	€ 56,97	