

Quantity	Category	Product description	Footprint	Value	Manufacturer	Designators	Farnell code	Price	Total	# of boards:	4
2	IC	LM311DR - Analogue Comparator, Rail to Rail, High Speed, 1, 115 ns, 3.5V to 30V	SOIC-8		TEXAS INSTRUMENTS	U3, U5	2293183	€ 0,41	€ 0,82		€ 3,28
1	IC	MIC44282M - MOSFET Driver, 4.5V-18V supply, 1.5A output	SOIC-8		MICROCHIP	U1	2510140	€ 0,76	€ 0,76		€ 3,04
1	IC	HEF4053BT - Analogue Switch, SPDT, 3 Channels, 60 ohm, 4.5V to 15.5V	SOIC-16		NEXPERIA	U4	1201292	€ 0,43	€ 0,43		€ 1,72
1	IC	LF353M/NOPB - Operational Amplifier, Dual, 2 Amplifier, 4 MHz, 13 V/μs, 10V to 36V, SOIC, 8 Pins	SOIC-8		TEXAS INSTRUMENTS	U2	2323285	€ 1,20	€ 1,20		€ 4,80
1	LDO	LM2940IMP-9.0/NOPB - Fixed LDO Voltage Regulator, 0V to 26V, 500mV Dropout, 9Vout, 1Aout	SOT-223-4	9V	TEXAS INSTRUMENTS	U6	2383014	€ 2,17	€ 2,17		€ 8,68
1	LDO	LM2940IMP-15/NOPB - Fixed LDO Voltage Regulator, 0V to 26V, 500mV Dropout, 15Vout, 1Aout	SOT-223-4	15V	TEXAS INSTRUMENTS	U7	2323635	€ 2,12	€ 2,12		€ 8,48
1	TRANSISTOR	BC847CE6327HTSA1 - Bipolar (BJT) Single Transistor, NPN, 45 V, 250 MHz, 330 mW, 100 mA, 110 hFE	SOT-23		INFINEON	Q1	2432696	€ 0,15	€ 0,15		€ 0,60
8	HEADER	2211S-02G - Board-To-Board Connector, Vertical, 2.54 mm, 2 Contacts, Header, 2211S Series, Through Hole	PIN_HEADER_STRAIGHT		MULTICOMP	J1, J2, J3, J4, J5, J6, J7, J8	1593411	€ 0,04	€ 0,32		€ 1,28
9	RESISTOR	MC0063W0603510K - SMD Chip Resistor, 10 kohm, 50 V, 0603 [1608 Metric], 63 mW, ± 5%, MC Series	0603	10K	MULTICOMP	R2, R3, R5, R8, R9, R12, R13, R14, R15	9331700	€ 0,01	€ 0,07		€ 0,28
1	RESISTOR	MC0063W06031470K - SMD Chip Resistor, Thick Film, 470 kohm, 50 V, 0603 [1608 Metric], 63 mW, ± 5%	0603	470K	MULTICOMP	R6	9331263	€ 0,01	€ 0,01		€ 0,03
1	RESISTOR	MC0063W060354K7 - SMD Chip Resistor, Thick Film, 4.7 kohm, 50 V, 0603 [1608 Metric], 63 mW, ± 5%	0603	4K7	MULTICOMP	R1	9332154	€ 0,01	€ 0,01		€ 0,03
1	RESISTOR	MCHP03W8F1804T5E - SMD Chip Resistor, Thick Film, 1.8 Mohm, 50 V, 0603 [1608 Metric], 125 mW, ± 5%	0603	1.8M	MULTICOMP	R4	1576328	€ 0,06	€ 0,06		€ 0,23
1	RESISTOR	MC0063W0603547K - SMD Chip Resistor, Thick Film, 47 kohm, 50 V, 0603 [1608 Metric], 63 mW, ± 5%	0603	47K	MULTICOMP	R7	9332162	€ 0,01	€ 0,01		€ 0,06
1	RESISTOR	MC0063W0603512K - SMD Chip Resistor, Thick Film, 12 kohm, 50 V, 0603 [1608 Metric], 63 mW, ± 5%	0603	12K	MULTICOMP	R10	9331760	€ 0,01	€ 0,01		€ 0,03
1	RESISTOR	MC0063W0603115K - SMD Chip Resistor, Thick Film, 15 kohm, 50 V, 0603 [1608 Metric], 63 mW, ± 1%	0603	15K	MULTICOMP	R11	9330615	€ 0,01	€ 0,01		€ 0,05
1	ULTRASONIC	MCUSD16A40S12RO - Ultrasonic Sensor, Transceiver, 16 mm Diameter, 40 kHz, -74 dB, Aluminium, SMD	2PIN		MULTICOMP		2362677	€ 3,05	€ 3,05		€ 12,20
5	CAPACITOR	MC0603F104Z250CT - SMD Multilayer Ceramic Capacitor, 0603 [1608 Metric], 0.1 μF, 25 V, +80%, -20%	0603	0,1u	MULTICOMP	C1, C2, C3, C5, C6	1759038	€ 0,01	€ 0,03		€ 0,12
2	CAPACITOR	MC0603F474M500CT - SMD Multilayer Ceramic Capacitor, 0603 [1608 Metric], 0.47 μF, 50 V, ± 20%, X7R	0603	0,47u	MULTICOMP	C7, C8	2627454	€ 0,04	€ 0,08		€ 0,31
1	CAPACITOR	MC0603B472K500CT - SMD Multilayer Ceramic Capacitor, 0603 [1608 Metric], 4700 pF, 50 V, ± 10%, X7R	0603	4n7	MULTICOMP	C4	1759098	€ 0,01	€ 0,01		€ 0,03
2	ELCAPACITOR	MCVVT016M220CA1L - SMD Aluminium Electrolytic Capacitor, Radial Can - SMD, 22 μF, 16 V, VT, V-Ch	4mmx5.3mm	22u	MULTICOMP	C9, C10	2611358	€ 0,10	€ 0,19		€ 0,76
1	DIODE	1N4148W - Small Signal Diode, Single, 75 V, 150 mA, 1 V, 4 ns	SOD-123F		MULTICOMP	D1	1621821	€ 0,07	€ 0,07		€ 0,30

Total per reciever board: € 11,57 € 46,30