

RHOCOCO rev 1.8 BOM

Package	Quantity	Aantal	Farnell code	stuksprijs	minimum	RS code	RS prijs	Mouser code	Mouser prijs	prijs voor benodigd aantal
Weerstand axiaal D1.6mm Pitch 3/10" 1%	1	10	9341145	€ 0,0336	10					€ 0,3360
Weerstand axiaal D1.6mm Pitch 3/10" 1%	5	10	9341587	€ 0,0357	10					€ 0,3570
Weerstand axiaal D1.6mm Pitch 3/10" 1%	2	10	9341633	€ 0,0336	10					€ 0,3360
Weerstand axiaal D1.6mm Pitch 3/10" 1%	3	10	9341943	€ 0,0357	10					€ 0,3570
Weerstand axiaal D1.6mm Pitch 3/10" 1%	13	20	9341102	€ 0,0357	10					€ 0,7140
Weerstand axiaal D1.6mm Pitch 3/10" 1%	2	10	9341951	€ 0,0336	10					€ 0,3360
Weerstand axiaal D1.6mm Pitch 3/10" 1%	9	10	9341110	€ 0,0344	10					€ 0,3440
Weerstand axiaal D1.6mm Pitch 3/10" 1%	5	10	9341129	€ 0,0357	10					€ 0,3570
R_Array_SIP7 4607X-101-472LF	1	1	2787743	€ 0,765						€ 0,7650
C_Disc_D3.4mm_W2.1mm_P2.50mm	1	5	2860131	€ 0,070	5					€ 0,3485
C_Disc_D3.4mm_W2.1mm_P2.50mm	1	1	2309024	€ 0,067						€ 0,0673
Ceramic capacitor Radial_3/10"	8	10	1692300	€ 0,187	10					€ 1,8700
Elco Radial Diameter 5.0mm pitch 2.50mm	1	1	9451153	€ 0,046						€ 0,0456
Elco Radial Diameter 6.3mm pitch 2.50mm	1	1	9451080	€ 0,068						€ 0,0677
Elco Radial Diameter 6.3mm pitch 2.50mm	1	5	1848418	€ 0,419						€ 2,0950
Diode DO-35 3/10" Horizontaal	9	10	9843680	€ 0,060	5					€ 0,5970
LED 3.0mm RED round	1	5	1581112	€ 0,063	5					€ 0,3150
										€ 0,0000
TO-92 Molded_Narrow	1	5	1574370	€ 0,138	5					€ 0,6900
TO-92 Molded_Narrow	1	5	9845178	€ 0,247	5					€ 1,2350
DIP-40_W15.24mm_Socket	1	1				405-597	€ 6,88			€ 6,8800
DIP-8_W7.62mm	1	1	9757970	€ 0,723						€ 0,7230
DIP-16_W7.62mm	1	1	1703443	€ 1,190						€ 1,1900
DIP-8_W7.62mm_Socket	1	1	2496437	€ 0,847						€ 0,8470
TO-92 Inline_Narrow_Oval 3V3 regulator	1	1	1296588	€ 0,330						€ 0,3300
DIP-40_W15.24mm_Socket	1	1	1081891	€ 5,290						€ 5,2900
DIP-20_W7.62mm_Socket	1	1	9592113	€ 0,605						€ 0,6050
DIP-32_W15.24mm_Socket	1	1	1562896	€ 2,730						€ 2,7300
DIP-16_W7.62mm_Socket	1	1	1739589	€ 0,562						€ 0,5620
DIP-16_W7.62mm	1	1						595-SN74LS670N	€ 2,00	€ 2,0000
								<i>totaal Ic's</i>	€ 21,16	
Pin_Header_Straight_1x02_Pitch2.54mm	3	50	1593411	€ 0,013	50					€ 0,6300
VGA_connector DB-15 high density DE	1	1	2401275	€ 1,040						€ 1,0400
USB-B-S-RA	1	5	2112373	€ 0,441	5					€ 2,2050
SPC21348	1	1	2579730	€ 1,890						€ 1,8900
Pin_Header_Straight_1x06_Pitch2.54mm	1	50	1593415	€ 0,034	50					€ 1,7000
SD-67600-006	1	1	2614945	€ 5,280						€ 5,2800
Pin_Header_Angled_2x23_Pitch2.54mm	1	1	2032893	€ 3,430						€ 3,4300

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Socket_Strip SS-106-T-2-N

1x06_Pitch2.54mm	1	10	1668205	€ 0,716	10					€ 7,1600
Socket_Strip_Angled_1x08_Pitch2.54mm	1	10	1668207	€ 0,891	10					€ 8,9100
dB09-MALE	1	1	1099289	€ 0,833						€ 0,8330
								<i>totaal connectors</i>	€ 33,08	
Multicomp 2227MC-08-03-18-F1	10	1	1103844	€ 0,211	10					€ 0,2110
Multicomp 2227MC-16-03-09-F1	5	1	1103846	€ 0,432	5					€ 0,4320
Multicomp 2227MC-20-03-07-F1	5	5	1103848	€ 0,526	5					€ 2,6300
Multicomp 2227MC-32-06-06-F1	1	1	1103853	€ 0,936						€ 0,9360
Multicomp 2227MC-40-06-05-F1	2	1	1103855	€ 1,050						€ 1,0500
								612- <i>totaal sockets</i>	€ 5,26	
SWITCH-300SP1J1BLKM6QE	1	1						300SP1J1REDM6QE	€ 2,94	€ 2,9400
Crystal_HC49-U_Vertical	1	1	1652566	€ 0,677						€ 0,6770
Speaker 8 Ohm	1	1	2783054	€ 1,180						€ 1,1800
									totaal main	€ 75,52
Keyboard										
MC32874 Switch, MCDTS-2 Series, Top Actuated, Through Hole, Plunger for Cap, 160 gf, 50mA at 12VDC	50	50	2543105	€ 0,480	5					€ 24,0000
Switch Cap, Multicomp MCDTS2 Series Tactile Switches, Ivory, Caps for MCDTS2 Series	50	50	9561471	€ 0,114	50					€ 5,7000
Ribbon Cable, Jumper Nomex Cable, Straight Pin, Straight Pin, 15 Ways, 3 ", 76.2 mm, 2.54 mm cut into a six and a -pin part	1	1	1310363	€ 3,060						€ 3,0600
									totaal keyb.	€ 32,76
									totaal alles	€ 108,28