

Amp	TC	PS	CFB Auto Bias	Onderdelen volgens schema			Bestelvoorstel (eventueel equivalent)			eenheids prijs	totaal
				onderdeel	totaal aantal	waarde (R standaard metall 0,6W)	CODE	OMSCHRIJVING	hyper link		
2				R13	2	15/ 5W	ARC ACS5S 15R	Draadweerstand, axiaal, 5 W, 15 Ohm, 5%	<a href="https://wv">https://wv</a>	€ 0,75	€ 1,50
2				R17	2	22k / 1W	1W 22K	Metal oxide resistor 1 W, 5%, 22 kOhm	<a href="https://wv">https://wv</a>	€ 0,16	€ 0,32
2		1		R22-R41	3	4.7	METALL 4,70	Metal film resistor 4.70 Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,24
2				R23	2	56	METALL 56,0	Metal film resistor 56.0 Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,16
2				R25	2	2k	METALL 2,00K	Metal film resistor 2.00 kOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,16
2				R26	2	470	METALL 470	Metaalfilmweerstand 470 Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,16
		1		R32	1	680k / 1W	1W 680K	Metal oxide resistor 1 W, 5%, 680 kOhm	<a href="https://wv">https://wv</a>	€ 0,16	€ 0,16
		1		R33	1	120	METALL 120	Metal film resistor 120 Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,08
		1		R34	1	180k / 1W	1W 180K	Metal oxide resistor 1 W, 5%, 180 kOhm	<a href="https://wv">https://wv</a>	€ 0,16	€ 0,16
		1		R37	1	68k	METALL 68,0K	Metaalfilmweerstand 68,0 K-Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,08
		1		R39	1	820 / 2W	2W METALL 820	Metaaloxide-weerstand 2W, 5% 820 ohm	<a href="https://wv">https://wv</a>	€ 0,14	€ 0,14
8		2		R1-R2-R28-R29-R36-R38	10	1k	METALL 1,00K	Metal film resistor 1.00 kOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,80
4				R30-R31	4	1k / 1W	1W 1,0K	Metal oxide resistor 1 W, 5%, 1.0 kOhm	<a href="https://wv">https://wv</a>	€ 0,16	€ 0,64
2		1		R14-R40	3	10k	METALL 10,0K	Metal film resistor 10.0 kOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,24
4				R20-R21	4	47	METALL 47,0	Metal film resistor 47.0 Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,32
4				R24-R27	4	470k	METALL 470K	Metal film resistor 470 kOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,32
	2	1		R3-R5-R35	3	1M	METALL 1,00M	Metal film resistor 1.00 mOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,24
	2			R4-R6	2	220	METALL 220	Metaalfilmweerstand 220 Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,16
4	2			R7-R8-R15-R16	6	100k	METALL 100K	Metal film resistor 100 kOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,48
4				R18-R19	4	100k / 1W	1W 100K	Metal oxide resistor 1 W, 5%, 100 kOhm	<a href="https://wv">https://wv</a>	€ 0,16	€ 0,64
	4			R9-R10-R11-R12	4	47k	METALL 47,0K	Metaalfilmweerstand 47,0 K-Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,32
			8	R1,R5,R11,R15	8	22k	K-O SFCN2202T52	Metaalfilmweerstand, 22 kOhm, 0207, 0,6 W, 1%	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,64
			10	R2,R4,R7,R13,R14	10	10k	METALL 10,0K	Metal film resistor 10.0 kOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,80
			4	R3,R12	4	10 / 1W	1W 10	Metaaloxideweerstand 1W, 5%,10 Ohm	<a href="https://wv">https://wv</a>	€ 0,16	€ 0,64
			4	R6,R16	4	4k7	METALL 4,70K	Metaalfilmweerstand 4,70 K-Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,32
			4	R8,R19	4	47k	METALL 47,0K	Metaalfilmweerstand 47,0 K-Ohm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,32
			6	R9,R10,R17	6	100k	METALL 100K	Metal film resistor 100 kOhm	<a href="https://wv">https://wv</a>	€ 0,08	€ 0,48
	2			C1-C5	2	1n	KERKO 1,0N	Keramische condensator 1,0N	<a href="https://wv">https://wv</a>	€ 0,05	€ 0,10
	2			C2-C3	2	1µ 63V	MKS2-63 1,0µ	Filmcondensator, 1,0µF, 63V, RM5	<a href="https://sec">https://sec</a>	€ 0,27	€ 0,54
	1			C4	1	47µ 35V	RAD 105 47/35	Electrolytcondensator, 105°C, RM 2,0mm	<a href="https://sec">https://sec</a>	€ 0,03	€ 0,03
	3			C6-C7-C10	3	10n 63V	MKS2-63 10N	Filmcondensator, 10nF, 63V, RM5	<a href="https://sec">https://sec</a>	€ 0,24	€ 0,72
2	2	1		C8-C9-C27-C36	5	10µ 63V	RAD 10/63	Electrolytcondensator, 5x11mm, RM 2,0mm	<a href="https://sec">https://sec</a>	€ 0,02	€ 0,10
	1			C11	1	1000µ 25V	RAD FR 1.000/25	Elco radiaal, 105°C, laag ESR, RM 5,0mm	<a href="https://sec">https://sec</a>	€ 0,32	€ 0,32
	2			C12-C13	2	390n 63V	MKS2-63 330N	Filmcondensator, 330nF, 63V, RM5	<a href="https://sec">https://sec</a>	€ 0,28	€ 0,56
	2			C14-C15	2	2,2µ 50V	MKS2-50 2,2µ	Filmcondensator, 2,2µF, 50V, RM5	<a href="https://sec">https://sec</a>	€ 0,54	€ 1,08
	2			C16-C17	2	100p	KERKO-500 100P	Keramische condensator, 500V, 100P	<a href="https://wv">https://wv</a>	€ 0,06	€ 0,12
	4			C18-C19-C20-C21	4	220n 63V	MKS2-63 220N	Filmcondensator, 220nF, 63V, RM5	<a href="https://sec">https://sec</a>	€ 0,24	€ 0,96
2				C22	2	220n 400V	MKS4-400 220N2	Filmcondensator, 220nF, 400V, RM15	<a href="https://sec">https://sec</a>	€ 0,32	€ 0,64
2				C23	2	10µ 350V	ED-A 10U 350	Elco radiaal, 10 µF, 350 V, RM 5, 105°C, 8000 h, 20%	<a href="https://sec">https://sec</a>	€ 0,43	€ 0,86
6				C24-C25-C26	6	100n 400V	MKP4-400 100N2	Filmcondensator, 100nF, 400V, RM15	<a href="https://sec">https://sec</a>	€ 0,29	€ 1,74
		3		C28-C29-C30	3	10n 1000V	MKS4-1000 10N2	Filmcondensator, 10nF, 1000V, RM10	<a href="https://sec">https://sec</a>	€ 0,23	€ 0,69
		1		C31	1	330µ 400V	BE LXS 330/400	Snap-in-elco, 25,4x40mm, 330µF, 400V	<a href="https://sec">https://sec</a>	€ 4,35	€ 4,35
		1		C32	1	10µ 400V	EE-A 10U 400	Elco radiaal, 10 uF, 400 V, 105°C, high ripple	<a href="https://sec">https://sec</a>	€ 0,50	€ 0,50
		3		C33-C34-C35	3	100µ 25V	RAD LXZ 25/100	ELKO, 100 µF, 25 V, 105 °C	<a href="https://sec">https://sec</a>	€ 0,13	€ 0,39
		1		C37	1	47µ 400V	RAD KXJ 47/400	Electrolytcondensator, 16,0x20mm, RM:7,5mm	<a href="https://sec">https://sec</a>	€ 1,06	€ 1,06
		1		C38	1	2200µ 25V	RAD FR 2.200/25	Elco radiaal, 105°C, laag ESR, RM 7,5mm	<a href="https://sec">https://sec</a>	€ 0,91	€ 0,91

		1		D1	1	3EZ130	ZY 120	Zener-diode max.2,0W 120V	<a href="https://seco.com">https://seco.com</a>	€ 0,06	€ 0,06
		1		D2	1	3EZ150	ZY 160 DIO	Zenerdiode, 160 V, 2 W, DO-41	<a href="https://seco.com">https://seco.com</a>	€ 0,11	€ 0,11
		1		D3	1	1N5333B 3,3V/5W	ZD-5W 3,3V	Zener-diode 5,0W 3,3V	<a href="https://seco.com">https://seco.com</a>	€ 0,31	€ 0,31
		1		D4	1	1N5349B 12V/5W	ZD-5W 12V	Zener-diode 5,0W 12V	<a href="https://seco.com">https://seco.com</a>	€ 0,23	€ 0,23
		1		D5	1	BZX85C12/1W	BZX 85C12	VIS Zenerdiode, 12 V, 1,3 W, DO-41	<a href="https://seco.com">https://seco.com</a>	€ 0,07	€ 0,07
		1		D7	1	BZX85C12	BZX 85C12	VIS Zenerdiode, 12 V, 1,3 W, DO-41	<a href="https://seco.com">https://seco.com</a>	€ 0,07	€ 0,07
		2		C3	2	100µ 16V	M-A 100U 16	Elco radiaal, 100 uF, 16 V, 2000 h	<a href="https://seco.com">https://seco.com</a>	€ 0,07	€ 0,14
		4		C1,C4	4	2,2µ 50V	MKS2-50 2,2µ	Filmcondensator, 2,2µF, 50V, RM5	<a href="https://seco.com">https://seco.com</a>	€ 0,54	€ 2,16
		4		C2,C5	4	1µ 63V	RAD 1/63	Electrolytcondensator, 5x11mm, RM 2,0mm	<a href="https://seco.com">https://seco.com</a>	€ 0,02	€ 0,08
		4		C7,C8	4	100n 63V	MKS2-63 100N	Filmcondensator, 100nF, 63V, RM5	<a href="https://seco.com">https://seco.com</a>	€ 0,20	€ 0,80
2				P5	2	trimpot 1k	ACP 9-L 1K	Instelpotentiometer, liggend, 9mm, 1 kohm	<a href="https://seco.com">https://seco.com</a>	€ 0,29	€ 0,58
	4			P1-P2-P3-P4	4	Piher potentiometer 47k lin.	PIH PC16IP06473A	Draaipotentiometer, 47 kOhm, lineair, 6 mm	<a href="https://seco.com">https://seco.com</a>	€ 1,16	€ 4,64
					0						
2				T1	2	BF256B	BF 256B	Transistor HF N-FET TO-92 30V 0,013A 0,35W	<a href="https://seco.com">https://seco.com</a>	€ 0,33	€ 0,66
		1		T2	1	IRF840	IRF 840 VIS	MOSFET N, 500 V 8 A 125 W TO-220	<a href="https://seco.com">https://seco.com</a>	€ 1,01	€ 1,01
		1		Sterkoelvin voor IRF840	1		V SK 129-50 STS	Geëxtrudeerd koellichaam met soldeerpenen, 42x25x50,8mm	<a href="https://seco.com">https://seco.com</a>	€ 2,12	€ 2,12
		1		T3	1	MPSA94	MPSA 94	Transistor PNP TO-92 400V 0,3A 0,625W	<a href="https://seco.com">https://seco.com</a>	€ 0,12	€ 0,12
	1			IC1	1	LM1036	LM1036	Lineair IC pre-amplifier	<a href="https://www.seco.com">https://www.seco.com</a>	€ 5,93	€ 5,93
2				IC2	2	LM 317	LM 317 TG	Spanningsregelaar 1,2 - 37V TO-220	<a href="https://seco.com">https://seco.com</a>	€ 0,54	€ 1,08
2				U-koelvin voor LM317	2		V 5074A	U-koellichaam, 25x17x13mm, 28K/W, langgat	<a href="https://seco.com">https://seco.com</a>	€ 0,84	€ 1,68
		4		Brug BD1....4	4	4x BY254	BY 254	Gelijkrichterdiode, DO201, 800V, 3A	<a href="https://seco.com">https://seco.com</a>	€ 0,08	€ 0,32
		2		IC1	2	LT 1014	LT 1014 DN	Operationele versterker, 4-voudig, DIL-14	<a href="https://seco.com">https://seco.com</a>	€ 8,12	€ 16,24
		6		D1,D2,D3	6	1N4448	1N 4448 CDIL	Planar Epitaxial switching diode, DO35, 100 V, 0.15 A	<a href="https://www.seco.com">https://www.seco.com</a>	€ 0,02	€ 0,12
6				J1-J2-J3	6	Pin header 2p	MPE 087-1-002	Pin headers 2,54 mm, 1X02, recht	<a href="https://seco.com">https://seco.com</a>	€ 0,05	€ 0,30
6				jumpers	6	jumper 2p	MPE 149-1-002-F1	Jumper 2,54 mm, geopend, rood	<a href="https://seco.com">https://seco.com</a>	€ 0,03	€ 0,18
1				S1	1	switch 1p - 3 standen	MS 500C	Toggle switch, 1-pin, 6 A - 125 V AC, on-off-on	<a href="https://www.seco.com">https://www.seco.com</a>	€ 2,14	€ 2,14
1				S2	1	switch 1p - wissel	MS 500A	Tuimelschakelaar 6A-125 VAC, 1x Aan-Aan	<a href="https://www.seco.com">https://www.seco.com</a>	€ 1,93	€ 1,93
4				V1-V2	4	PCL86	130632	Elektronenbuis PCL 86	<a href="https://www.seco.com">https://www.seco.com</a>	€ 4,73	€ 18,92
4				Buisvoeten print - noval	4	Noval socket	TF-2661	Noval socket, 9 pin keramiek print, small top	<a href="https://www.seco.com">https://www.seco.com</a>	€ 1,20	€ 4,80
		1		F2	1	1AT	ESKA 522.017	Fuse 5x20mm, time-lag, 1A		€ 0,16	€ 0,16
		1		fuseholder	1	print fuseholder	STV PTF/15	Zekeringhouder voor 5 x 20 mm, 250 V, 6,3 A		€ 0,30	€ 0,30
		1		TR1	1	LS25-36 TDK-LAMBDA	LS25-36	Voedingseenheid: schakelende; modulair; 25W; 36VDC; 750mA	<a href="https://www.seco.com">https://www.seco.com</a>	€ 15,91	€ 15,91
		1		TR2	1	TST100W/2X115V	TST 100/028 INDEL	ringkern; 100VA; 230VAC; 115V; 115V; 0,43A; 0,43A	<a href="https://www.seco.com">https://www.seco.com</a>	€ 16,90	€ 16,90
2				UGT	2	ELA-100V	516104 - 89	Duplex-spoel voor 100 V-luidsprekersysteem	<a href="http://www.seco.com">http://www.seco.com</a>	€ 6,41	€ 12,82
1		1		Molex 3p pinheader	2	pinheader +12V- /coax in	PSS 254/3G	Printconnector, enkele stekker, recht, 3-polig	<a href="https://seco.com">https://seco.com</a>	€ 0,04	€ 0,08
1		1		Molex 3p connector	2	molex stekker	PSK 254/3W	Leeg koppelingshuis, krimptechniek, 3-polig	<a href="https://seco.com">https://seco.com</a>	€ 0,02	€ 0,04
		6		Molex 3p pinheader	6	pinheader +12V- /coax in	PSS 254/3G	Printconnector, enkele stekker, recht, 3-polig	<a href="https://seco.com">https://seco.com</a>	€ 0,04	€ 0,24
		6		Molex 3p connector	6	molex stekker	PSK 254/3W	Leeg koppelingshuis, krimptechniek, 3-polig	<a href="https://seco.com">https://seco.com</a>	€ 0,02	€ 0,12
					3	Krimpcontacten	PSK-KONTAKTE	Crimp contacts for PSK 254/..., 20 pieces	<a href="https://www.seco.com">https://www.seco.com</a>	€ 0,29	€ 0,87
					1	Bandkabel 3x0,14mm²	TRU COMPONENTS 1570226	Draad 3 x 0.14 mm² Geel, Wit, Groen 5 m	<a href="https://www.seco.com">https://www.seco.com</a>	€ 7,85	€ 7,85
		3		Printkroonsteen 2p	3	Kroonsteen 2p	AKL 101-02	Aansluitklem 2-polig, RM 5,08	<a href="https://seco.com">https://seco.com</a>	€ 0,22	€ 0,66
2		2		Printkroonsteen 3p	4	Kroonsteen 3p	AKL 101-03	Aansluitklem 3-polig, RM 5,08	<a href="https://seco.com">https://seco.com</a>	€ 0,34	€ 1,36

		1		RE1	1	HJR-4102-L 24V/2800 ohm	HJR-4102-L 24V	DIL-miniaturrelais HJR-4102 24V, 1 wisselaar 5A	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,63	€ 0,63
1					1	Hoofdprint				€ 10,00	€ 10,00
2					2	Printjes CFB Bias-automaat				€ 2,00	€ 4,00
										<b>AMP + CFB Bias-automaten totaal zonder verzendkosten: € 164,93</b>	
Input Print											
		2		RE1,RE2	2	Printrelais RY 24W K	RY 24W K	RY signal relay, 24 V DC, 2 changeover contacts, 1 A	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 1,12	€ 2,24
		2		D1,D2	2	1N4148	RND 1N4148	Small Signal Switching Diodes, Axial Lead, DO-35	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,02	€ 0,04
		2		R1,R2	2	2k2	K-O SFCN2201T52	Metaalfilmweerstand, 2,2 kOhm, 0207, 0,6 W, 1%	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,08	€ 0,16
		1		D-Led	1	L-59EGW	LED 5 RG-3	Duo-LED, 5 mm, 3-pin, red/green Manufacturer number: L-59EGW	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,25	€ 0,25
		3		Molex 3p pinheader	3	MOLEX 3P	PSS 254/3G	Printstecker, Einzelstecker, straight, 3-pin	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,04	€ 0,12
		3		Molex 3p connector	3	CONNECTOR vr MOLEX 3P	PSK 254/3W	Empty coupling housing, crimp technology, 3-pin	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,02	€ 0,06
		1		BNC	1	BNC enkel	CBP 2	RCA connector, PCB, 2-fold	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,89	€ 0,89
		1		BNC	1	BNC dubbel	CBP 4	RCA connector, PCB, 4-fold	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,99	€ 0,99
		1			1	printje				€ 2,00	€ 2,00
										<b>INPUT print totaal zonder verzendkosten: € 6,75</b>	
APL (voor CFB)											
		2		R1,R5	2	10k	METALL 10,0K	Metal film resistor 10.0 kOhm	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,08	€ 0,16
		2		R2,R6	2	2k2	METALL 2,20K	Metal film resistor 2.20 kOhm	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,08	€ 0,16
		4		R3,R4,R7,R8	4	100	METALL 100	Metal film resistor 100 Ohm	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,08	€ 0,32
		2		C1,C2	2	10µ 16V	RAD 10/63	Electrolytic capacitor, 5 x 11 mm, spacing 2.0 mm	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,02	€ 0,04
		2		T1,T2	2	BC547	BC 550C	NPN TO-92 transistor 45 V 0.1 A 0.625 W	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,04	€ 0,08
		4		D1,D2,D3,D4	4	1N4148	RND 1N4148	Small Signal Switching Diodes, Axial Lead, DO-35	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,02	€ 0,08
		2		D-LED	2	L-59EGW	LED 5 RG-3	Duo-LED, 5 mm, 3-pin, red/green Manufacturer number: L-59EGW	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,25	€ 0,50
		1			1	printje				€ 2,00	€ 2,00
										<b>APL print totaal zonder verzendkosten: € 8,09</b>	
Front / Back											
		1			1	Inbouw netstekker met fuse	KES 2SI	Fitted plug for non-heating appliances with fuse link	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 1,68	€ 1,68
		1			1	set 4 LS aansluitingen		ZHAOYAO 4 stks 32mm versterker speaker audio terminal	<a href="http://www.conrad.be/">http://www.conrad.be/</a>	€ 6,32	€ 6,32
		1			1	Switch 4/8 ohm	T 219	Schuifregelaar-miniatuur, soldeerverbinding, 2x UM	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 0,31	€ 0,31
		1			1	Marshall knoppen	mrV4	Marshall Knob Gold Push-On, Set of 8	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 11,97	€ 11,97
		1			1	Marshall-like on/off rocker	H8653VBBR3 BULGIN	ROCKER: DPST; pos: 2: OFF-ON; 10A/250VAC; 10A/28VDC; rood	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 2,67	€ 2,67
		1			1	Front en back-plaat		FRONT en BACK Brushed gold/black - basis V2: 150 x 300 mm	<a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>	€ 23,84	€ 23,84
										<b>APL print totaal zonder verzendkosten: € 46,79</b>	
								zwart = <a href="https://www.reichelt.com/be/nl/">https://www.reichelt.com/be/nl/</a>			
								groen = <a href="https://www.conrad.be/">https://www.conrad.be/</a>			
								blauw = <a href="https://www.tme.eu/nl/">https://www.tme.eu/nl/</a>			
								bruin = <a href="https://www.tonefactory.nl/">https://www.tonefactory.nl/</a>			