

Automatic loop tuner Parts list
pa0nhc (2015)-20180324-20181209-**20200929**

	Resistors metal film 0.25W axial 2.5x6.5mm if not specified otherwise	
R3	220	1583659
R4,8,9	1k	1583972
R5	8k2	1585072
R6,7,10	1k5	1585040
R11,12	10k	1585075
R13,14	100k	1584005
R15,202	100	1584980
R16	22 1W (½ W)	1289835
R101,102	2k2	1583718
R201	3x 15k 1W in parallel	1584128
	Capacitors RM2.5 / RM5.	
C1,2,8,11,12,13,15,16	100n ceramic 50V	1584724
C5,6	100n FOIL 100V	1235240
C3,7	10n	531889
C4	50p Murata SMD trimmer or 10mm Philips foil tr.	447412
C9	330n film	1578738
C14	1u film	1235724
C17	39p	1556956
C201	10p NP0	1557048
L1	Amidon T50-2 or T50-6 or FT50-61. or Fair-Rite equivalent. Pri = 1.5mm wire through the hole. Sec = 10 turns 0.8mm insulated wire	
IC1	LM1496N	Ebay / Futurlec.com
IC2	MC1458 / LM1458N	176389
IC3	78L09	183270
D1s,D2s	Each 5x 1N4148 in series	
D3,4,5,6	1N4148	564851
Led1	5mm green	184705
Led2	5mm red	184543
T1,4	BD912 (PNP) TO220	155430
T2,3	BD911 (NPN) TO220 INSULATED from chassis.	151012

2x	Insulation bush for TO220 Fisher type IB6	189146
2x	Mica insulation sheet for TO220 Fisher type GS220 P	189073
2x	BNC chassis bus, <u>long version 14.9mm</u> UG1074BU	742732
Rel 201	See footprint to fit the PCB. Placed at the inside.	629485
Dr1,2	Push button ON-(ON) NKK MB2011SS1W01-CA	709234
2x	AT407 Cap for DR1,2.	708692
Sw1,2	Toggle switch ON-ON NKK M2012SS1W01	708977
	Fuse holder 5x20 mm	533882
	Fuse 1.25 A mT (medium slow) 5x20mm	535818
	Strain releaf (mains cord) Hammond	485978
	DIN bus 7 pole, 270 degr For motor line output.	746724
	DIN plug 7 pole, 270 degr. For motor cable	746721
	Mains filter choke 3mH 1A	398589
	Small bridge rectifier 40V 2A TCB40R	1581973
	Elco 4700uF 25V	1325809
2x	On/off Sw. & Band Sw.	708989
	Mains transformer 15V 16VA	1092970
1x	ALU cabinet Proma 131030	523232