

Ordering capacitors.

ARDFrx80-7.

pa0nhc 2017 **1129** (C34,35)

Bend wires to fit the PCB. RM = wire space.

Keep wires minimal SHORT to keep SRF as high as possible.

Part	Details	Conrad orderNr
C4,5,36,37,203,204	220 pF NPO	451466
C6	3n3 FOIL	455040
C7	20 pF NPO Sets the tuning range. A smaller total value => larger tuning range 15 pF + 4p7 in parallel for a tuning range of abt. 100 kHz.	(451260 + 451232)
C3	100 nF FILM (NPO)	500871
C8,39,41, 45,47,102,103,106	100 nF keramisch.	531855
C9	10 uF elco (NO tantalium.)	421986
C10	1 uF keramisch (<u>NO film or elco</u>).	453382
C11,13,15,16,17, 18,23,24,43,205	22 nF keramisch	531808
C12,40	100 uF, max d=6.3 - RM2.5	443906
C14	1000 uF 6.3V. max d=8 - RM3.5	422024
C25	REM : near L3 / C48 47pF NPO	457191
C26	REM : near L6 / C29 39pF NPO	1556956
C30,31	150 pF	451419
C32	4n7 FILM (! <u>GEEN keramisch</u> : die zijn op deze locatie	455059

	microfonisch !)	
C33	3.3 uF tantalium	481696
C34,35	47n	531718
C38	1.5 uF D=5 (elco or tantalium)	447029
C46	REM : near IC1 22 nF FILM	455350
C48,49	47 pF (100V)	531826
C101	47 pF 500v	451711
C104	189 pF NP0 total (150 pF on the top copper + 39pF on the bottom copper)	451419 457191
C105	30 pF 4.5x3.2 mm SMD trimmer type TZC3 (Green).	447417
C107,108	1 nF RM2.5	1235242
C110	6 pF NP0 4.5x3.2 mm SMD trimmer type TZC3 (Blue).	447418
C111	10 pF NP0	457124
C202	22 pF NP0	451287
C207	4p7 (sets oscillator bias signal strength for optimal sensitivity of the product detector)	451232
