

# Componentenlijst B3Z v2 23cm revisie A

## Condensatoren

C1	4,7uF (1206)
C6	1000µF/6.3V
C8	100uF (1206)
C18	470p (0603)
C5, C9, C20, C23	100n (0603) + 3x front PCB
C16, C19	22p (0603)
C2, C10, C11, C12, C21, C24	100p (0603)
C3, C13, C14, C15	1n (0603)
C4, C17	10uF (0603)
C7, C22	2,2uF (1206)

## IC's

IC1	ADF4118BRUZ
IC2	PIC16F88-I/SO
IC3	ABA-54563-BLKG
IC4	ADA-4643-BLKG
IC5	MGA-31189-BLKG

## Spoelen

L1	33nH (0603)
L2	22nH (0603)
L3	27nH (0603)

## Transistoren

T1	BCP54
T2	FDN304PZ

## Weerstanden

R2	100k (0603)
R3	1k8 (1206)
R8	27R (0603)
R9	10 (0603)
R12	5k6 (0603)
R13	75R (0603)
R17	68R (0603)
R22	33 (0603)
R25	1k (0603)
R27	270k (0603)
R29	47 (0603)
R1, R4, R6, R10, R14	4k7 (0603)
R11, R16, R18, R19	100R (0603)
R15, R23	470 (0603)
R20, R24, R28, R31	150R (0603)
R21, R30	39R (0603)
R5, R7, R26	10k (0603)
P1	1k trimmer (5mm)

## Overige

D1	1N5817
F1	PPTC 0ZCJ0035FF2G
H44780 2X16	H44780 compatible display (2x16 characters)
LED1	LED (0603)
TCXO	ASVTX-09-12.800MHZ-T
VCO1	RVCS1250A
VR1	LM2937ET-5.0/NOPB
HEADER	2x Header straight 2x10 pin 2.54mm