

Componentenlijst B3Z v2 revisie B

Condensatoren

C1	4u7 (1206)
C6	1000µF/6.3V (SMD 8mm)
C8	100uF (1206)
C18	18p (0603)
C19	5p6 (0603)
C21	82p (0603)
C5,C9,C16,C22	100n (0603) +3x voor front PCB
C2,C10,C11,C12	100p (0603)
C23,C24,C25, C26	4p7 (0805)
C3,C13,C14,C15	1n (0603)
C4,C20	10uF (0603)
C7,C17	2u2 (1206)

IC's

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

Spoelen

L1	33nH (0603)
L2	56nH (0603)
L4	4wdg @ 4mm (3mm boor gebruiken)
L3,L5	2wdg @ 4mm (3mm boor gebruiken)

Transistoren

T1	BCP54
T2	FDN304PZ

Weerstanden

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

Overige

D1	1N5817
F1	PPTC 0ZCJ0035FF2G
H44780 2X16	H44780 compatible display (2x16 characters)
LED1	LED (0603)
TCXO	ASVTX-09-12.800MHZ-T
VCO1	Z-COMM V440MC02
VR1	LM2937ET-5.0/NOPB
HEADER	2x Header straight 2x10 pin 2.54mm