

Basisbandpegel 0.1 - 3Vss

Basisband
SMB-Buchse

UARE8-994:
1040-1450 MHz bei 0-8V
Linearitätsknick bei 6.5V (1380MHz)
Stromaufnahme 14mA
Ausgangsleistung VCO -5 dBm
Bei +5V max 1310MHz

VCO1
1.2GHz

1.2k-1.8k
Mit Multiburst abgleichen

Draht-Poti und R optional zum Leistung einstellen
0 Ohm an +5V bei SXB-4089

25dBm-27dBm

HF-Ausgang
SMA-Buchse

P_IIC1

Projekt:

1200Mhz VCO von Alps 1040-1450MHz

Datei: 1200MHz_VCO_Alps_V3a.SchDoc

Tomtom
DL1MFK

Datum : 03.10.2019
Uhrzeit : 15:30:34

Rev.: D

UC01

ALPS 23cm

IC1 SNA-586

C11 12p

L1 18n

C16 2p7

C23 1p

R4 5

C12 2p

C13 1p5

C7 68p

C14 1p

L2 22n

C2 1n

IC2 SXB-4089
C3 100n

C4 100p

C1 10u

R3 0

C19 100p

C18 100n

T1 L
BC850

SP5055

IC4

C28 10n

C26 220n

R11 27k

R12 6k8

C29 10u

R13 150

C27 15p

R8 100

R9 100

R2 xxx

IC5 IRF7416

C10 100p

C9 100n

C8 10u

1.2k-1,8k

C15 100n

C17 100u

R7 82

C20 220p

C21 470p

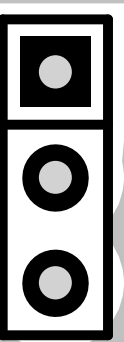
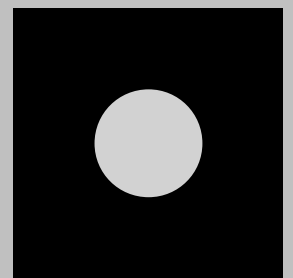
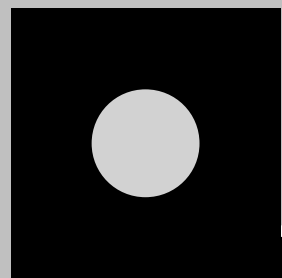
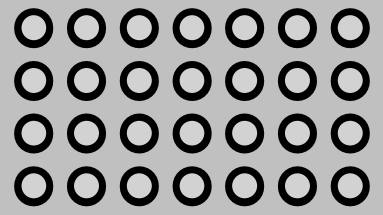
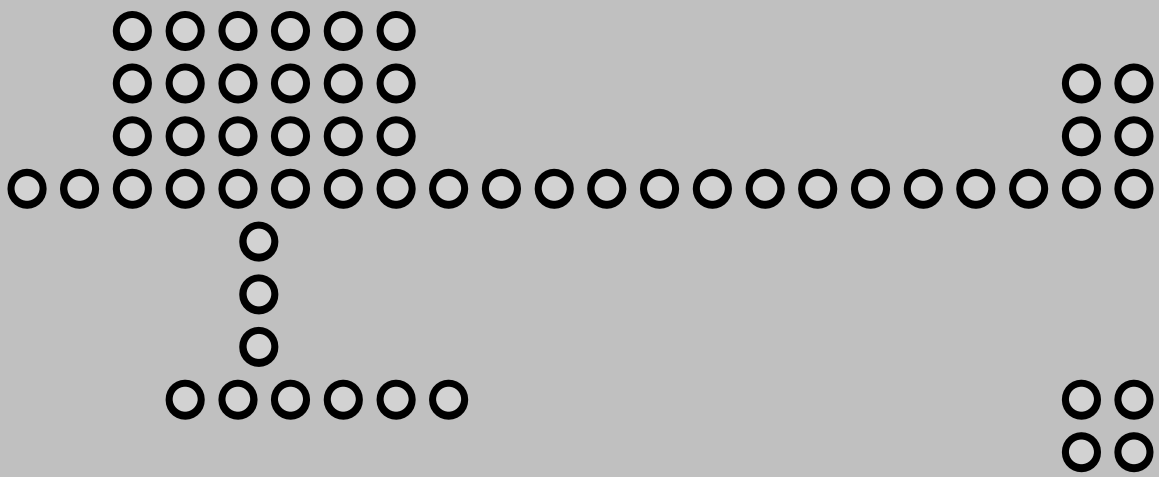
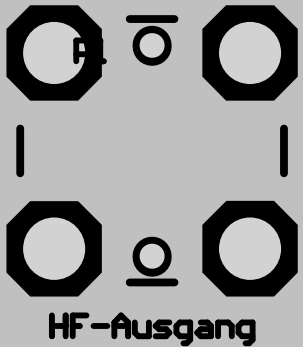
L5 2u2

L4 2u2

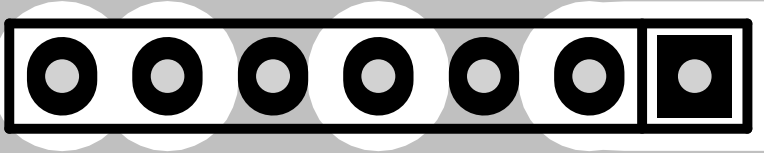
C22 220p

L3 2u2

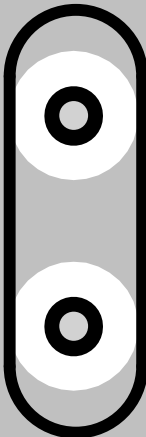
12/16
DL1MFK



R1
1k



P_IIC1
SDA/SCL



X1
4MHz



P2
Basisband

