8x10K
RN1

U2
ULN2003A

U1
~
USB
Wave Share
Zero

5V
Gnd

5V 1
GND 2
3V3 3
GP29 4
GP28 5
GP27 6
GP26 7
GP15 8
GP14 9

GP_0 23
GP_1 22
GP_2 21
GP_3 20
GP_4 19
GP_5 18
GP_6 17
GP_7 16
GP_8 15
GP_9

GP13 GP12 GP11 GP10 GP_9
10 11 12 13 14

COM 9   U-Rel

I1 1   O1 16
I2 2   O2 15
I3 3   O3 14
I4 4   O4 13
I5 5   O5 12
I6 6   O6 11
I7 7   O7 10
GND 8

U-Rel
U-Rel

Gnd

K1
HF3FA-005-Z
A1 12 14
A2   11

U-Rel

K2
HF3FA-005-Z
A1 12 14
A2   11

U-Rel

K3
HF3FA-005-Z
A1 12 14
A2   11

U-Rel

K4
HF3FA-005-Z
A1 12 14
A2   11

J1
Antennenschalter
1
2
3
4
5

Gnd

R1 560 R2 560 R3 560 R4 560

D1 2mA D2 2mA D3 2mA D4 2mA

SW1 SW2 SW3 SW4
Trx1 Trx1 Trx1 Trx1

nur bei Bedarf

U-Rel

JP1
Relaisspannung
1 2
3

U3
LM7805_TO220
VI 1   VO 3
GND 2

5V

C2
100nF

C1
100nF

C3
C_Polarized
+

D5
1N4007

D6
1N4007

J2
13V Stromversorgung
1
2

Gnd