J11
971150321
H1
MountingHole_Pad
GND

J12
971150321
H2
MountingHole_Pad
GND

J13
971150321
H3
MountingHole_Pad
GND

J14
971150321
H4
MountingHole_Pad
GND

K1
AGQ210A12Z
−VDC 8   1 +VDC
2 1A
3
4 1B
7 2A
6
5 2B

K2
AGQ210A12Z
−VDC 8   1 +VDC
2 3A
3
4 3B
7 4A
6
5 4B

K3
AGQ210A12Z
−VDC 8   1 +VDC
2 5A
3
4 5B
7 6A
6
5 6B

K4
AGQ210A12Z
−VDC 8   1 +VDC
2 7A
3
4 7B
7 8A
6
5 8B

K5
AGQ210A12Z
−VDC 8   1 +VDC
2 9A
3
4 9B
7 10A
6
5 10B

K6
AGQ210A12Z
−VDC 8   1 +VDC
2
+12V 3
4
7 CHNA
+12V 6
5 CHNB

R1
1K1
R2
1K1

D2
LTST-C170KRKT
D1
LTST-C170KRKT
GND GND

J6
HRFE-10005V
J1
1759091
1 10 1
2 9 2
3 8 3
4 7 4
5 6 5
6 5 6
7 4 7
8 3 8
9 2 9
10 1 10

J2
1759091
1A 10 10
2A 9 9
3A 8 8
4A 7 7
5A 6 6
6A 5 5
7A 4 4
8A 3 3
9A 2 2
10A 1 1
HRFE-10005V
J7

J5
1759091
1B 10 10
2B 9 9
3B 8 8
4B 7 7
5B 6 6
6B 5 5
7B 4 4
8B 3 3
9B 2 2
10B 1 1
HRFE-10005V
J8

1
2
3
4
5
6 J9
7 T812112A101CEU
8
9
10
11
12

1
2
3
4
5
6 J10
7 T812112A101CEU
8
9
10
11
12

J3
MC-254-12-00-RA-DIP
GND 1   2 GND
+12V 3   4 +12V
−VDC 5   6
      7   8 −VDC
+VDC 9   10
      11   12 +VDC

J4
MC-254-12-00-RA-DIP
GND 1   2 GND
+12V 3   4 +12V
−VDC 5   6
      7   8 −VDC
+VDC 9   10
      11   12 +VDC

F.N.Beilegaard
NMBU-Mina
Sheet: /
File: eurocard_mux.kicad_sch
Title: SPI-MUX
Size: A3   Date: 2023-02-06   Rev: 1.0.1
KiCad E.D.A. 9.0.6   Id: 1/1