H5 MountingHole
H8 MountingHole
H6 MountingHole
H7 MountingHole

+5V

Arduino_MKR_ETH

28 +5v
27 VIN
26 VCC
24 RESET
A3
1 AREF
2 DAC0/A0
3 A1
4 A2
5 A3
6 A4
7 A5
8 A6
23 TX/D14
22 RX/D13
25 GND

D0 9
D1 10
D2 11
D3 12
D4/SD_SS 13
D5/ETH_SS 14
D6 15
D7 16
D8/MOSI 17
D9/SCK 18
D10/MISO 19
D11/SDA 20
D12/SCL 21

SS_SD
SS_ETH
MOSI
SCK
MISO

H1 MountingHole
H4 MountingHole
H2 MountingHole
H3 MountingHole

+3V3
+5V
GND

J2 Conn_01x03_Female
1 +5V
2 RELAY
3 GND

J4 Conn_01x07_Female
1 +3V3
2 SDA
3 RST
4 MOSI
5 MISO
6 SCK
7 GND

Arduin_Nano_Avery

15 VIN
2 3V3
12 +5V
17 D0/RX
16 D1/TX
20 D2
21 D3
22 D4
23 D5
24 D6
25 D7
26 D8
27 D9
28 D10
29 D11/MOSI
30 D12/MISO
1 D13/SCK
19 GND
14 GND

RESET 13
RESET 18
AREF 3
A0 4
A1 5
A2 6
A3 7
A4 8
A5 9
A6 10
A7 11

RELAY
SS_SD
SS_ETH
SDA
RST
MOSI
MISO
SCK
GND

HX711
7 +3V3
1 E+
10 GND
2 E-
8 SCK
9 DT
A+ 4
A- 3
B- 5
B+ 6

E+
E-

J1 Conn_01x04_Female
E+ 1
E- 2
A- 3
A+ 4

J1 — Connection to load cells
J2 — Connection to relay module
J3 — Connection to RFID module

Ferreira Bros.

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Title: Weighing and Access System

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BROTHERS