



Makerbase® MKS Robin E3D V1.0

JM1_M2

X MOTOR

JM1_M3

Y MOTOR

JM1_M4

Z1 MOTOR

JM2_M4

Z2 MOTOR

JM1_M1

E MOTOR

J12_M2 J12_M3 J12_M4 J12_M1

EN J14 EN J16 EN J17

R45_M2 C32_M2 R45_M3 C32_M3 R45_M4 C32_M4 R45_M1 C32_M1

SPI/UART SPI/UART SPI/UART SPI/UART

Jm3_M2 Jm5_M2 Jm3_M3 Jm5_M3 Jm3_M4 Jm5_M4 Jm3_M1 Jm5_M1

M0 M1 M2 DIR M0 M1 M2 DIR M0 M1 M2 DIR M0 M1 M2 DIR

RPK3_M2 RPK3_M3

SD

TF

USB

D5

RPK3_M1 J20

3.3V 5V

Drive IC Power

J24 RPK3_M4

J25

USB-PWR

J13

OFF ON

Probe/Stop

MT-det

X DIAG S J22

Y DIAG S J23

Z DIAG S J24

E DIAG S J25

Neopixel

U4

J18

bltouch

SERVO

S 5V G

J6

S 5V G

J10

Probe/Stop

MT_DET

MT-det

EXP1 SWD

J1

EXP2

AUX-1

J5

FAN

J7

J8

J9

TB

TH1

B-MOT

ETEMP

Ender3-EXP1

+12/24V+ -12/24V+

J19

J21

C5

C4

F2

F1

D1

C1

Q1

Q2

Q3

+ FAN -

J4

POWER1

PWR

Y1

Y2

U3

U2

S1

L1

D4

U1

J12

J13

J14

J15

J16

J17

J18

J19

J20

J21

J22

J23

J24

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