MKS Robin Nano V3.0

Makerbase®

+12/24V— +12/24V—
J5 J4 J33 J34 J31 J32 J46 J47
X   Y   Z1   Z2   E0   E1

VM0 C41 M0 VM0 C42 M0 VM0 C40 M0 VM0 C43 M0 VM0 C44 M0
M1   M1   M1   M1   M2 M1 M0
SPI/UART SPI/UART SPI/UART SPI/UART SPI/UART
M2   M2   M2   M2

EN STE DIR GND EN STE DIR GND EN STE DIR GND EN STE DIR GND EN STE DIR GND

DIAG
J7 J6   3V3 5V   J17   X Y Z- Z+ E1-   X
FAN2 FAN1   Drive IC Power   SWD   J11
FAN1+ FAN2+   Y
U1   3V3 GND GND   J12
FAN2   DIO CLK RST   Z-
FAN1   J13
HE1   U5   U2   Z+
HE1+ HE0+   J14
J8   PW_DET
U5   J54
L1   5V GND TX3 RX3   PT_DET1
Y1   J52
C18   S1   PT_DET2
                            RESET   J53
H-BED   PW_OFF
J9 +12/24V—   OFF ON   J55
C19   USB   SD Insert LED   M3   S TB1
J3   PWR   C24   G Bltouch TB
                                          C26
C15   J22   J23   U3   SD1   C25   TH1 TH2
       3V3 LED   5V GND TX RX1   TH1   TH2
                           J24

EXP1
S G 5V

EXP2

Sheet:
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