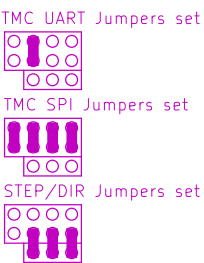


TMC-SPI MODE			
MOSI	SCLK	CS	MISO
PE14	PE12	PE6 PE3 PB7 PB3 PD4 PD0 PD15 PD11	PE13
Driver0:X Driver1:Y Driver2:Z Driver3:E0 Driver4:E1 Driver5:E2 Driver6:E3 Driver7:E4			

TMC-UART	
TX	RX
PE6 PE3 PB7 PB3 PD4 PD0 PD15 PD11	

DRIVE STEPPER		
EN	STEP	DIR
PC15 PC15 PE2 PB6 PD7 PD3 PC8 PB6	PC14 PE5 PE1 PB5 PD6 PD2 PC7 PD13	PC13 PE4 PE0 PB4 PD5 PD1 PC6 PD12
Driver0:X Driver1:Y Driver2:Z Driver3:E0 Driver4:E1 Driver5:E2 Driver6:E3 Driver7:E4		

Driver0:X	Driver1:Y	Driver2:Z1	Driver2:Z2	Driver3:E0	Driver4:E1	Driver5:E2	Driver6:E3	Driver7:E4
1B 1A 2A 2B	1B 1A 2A 2B	1B 1A 2A 2B	1B 1A 2A 2B	1B 1A 2A 2B	1B 1A 2A 2B	1B 1A 2A 2B	1B 1A 2A 2B	1B 1A 2A 2B



TF CARD

DET: PC4
CS: PC9
SCK: PC10
MISO: PC11
MOSI: PC12

U DISK

D-: PB14
D+: PB15

USB

D-: PA11
D+: PA12

HE2 PA3
HE1 PB0
HE0 PB1
PWR DC12-24V H-BED PB10
VIN DC12V DC5V

VIN DC12V FAN PWR SELECT
VIN DC12V FAN PWR SELECT
VIN,DC12V,DC5V OUTPUT
PA0 FAN2
PA1 FAN1
PA2 FAN0

Z+ PWR

Diag 0 1 2 3 4 5 6 7
Connect X- Y- Z- Z+ MT-Neo DET pixel NC NC
Z+ PWR
X- 5V GND PA14
Y- 5V GND PA15
Z- 5V GND PB13
Z+ 5V GND PB12
MT DET 5V GND PA13

EXP2
PA6
PE9
PE8
PB1
PB11
PA5
PA4
PA7
RESET
3V3
Neopixel
PC5

EXP1
PB2
PE1
PD9
PE15
PE7
PE10
PD10
PE8
PE7
5V

CAN
NC CAN_H NC
NC CAN_L NC

Github : https://github.com/makerbase-mks	
FaceBook : https://www.facebook.com/Makerbase.mks/	
Makerbase	
Sheet:	
File: MKS Monster8.kicad_pcb	
Title: MKS Monster8	
Size: A4	Date: 2022-03-08
KiCad E.D.A. kicad (5.1.10)-1	Rev: V2.0_003
Id: 1/1	