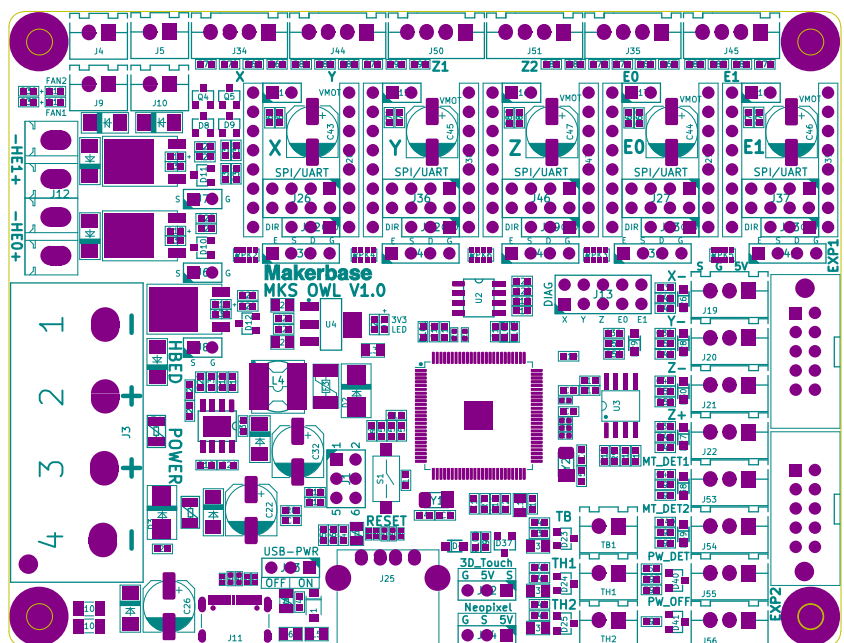


+FAN1- P0_01 (FAN_PIN)	X-AXIS EN: P1_20 STEP: P1_24 DIR: P1_13 UART/CS: P1_04 TMC MOSI: P0_07 TMC MISO: P0_03 TMC SCK: P1_15 DIAG: P0_13	Y-AXIS EN: P1_20 STEP: P1_11 DIR: P1_31 UART/CS: P0_19 TMC MOSI: P0_07 TMC MISO: P0_03 TMC SCK: P1_15 DIAG: P0_24	Z-AXIS EN: P0_06 STEP: P0_05 DIR: P1_16 UART/CS: P0_04 TMC MOSI: P0_07 TMC MISO: P0_03 TMC SCK: P1_15 DIAG: P1_23	E0-AXIS EN: P0_02 STEP: P1_29 DIR: P0_25 UART/CS: P1_25 TMC MOSI: P0_07 TMC MISO: P0_03 TMC SCK: P1_15 DIAG: P1_17	E1-AXIS EN: P0_02 STEP: P0_21 DIR: P0_20 UART/CS: P1_28 TMC MOSI: P0_07 TMC MISO: P0_03 TMC SCK: P1_15 DIAG: P0_14
+FAN2- P1_06 (FAN1_PIN)					

HE1 P0_17 (HEATER_1_PIN) HE0 P1_07 (HEATER_0_PIN)
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H-BED P1_09 HEATER_BED_PIN

POWER INPUT DC12/24V



TYPE C USB	U DISK
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X-	P0_13 G 5V
Y-	P0_24 G 5V
Z-	P1_23 G 5V
Z+	P1_17 G 5V
MT_DET1	P0_27 G 5V
MT_DET2	P0_08 G 5V
PW_DET	P1_00 G 5V
PW_OFF	P0_23 G 5V
3D TOUCH	G 5V P0_10
Neopixel	G P0_16 5V
TB	P1_08 G
TH1	P0_15 G
TH2	P0_31 G

EXP1			
(BEEPER)	P1_12	P1_14 (BTN_ENC)	
(LCD_EN)	P0_18	P0_09 (LCD_RS)	
(LCD_D4)	P1_30	P1_18 (LCD_D5)	
(LCD_D6)	P0_00	P1_21 (LCD_D7)	
	GND	5V	

EXP2			
(H_MISO)	P1_03	P1_02 (H_SCK)	
(BTN_EN1)	P1_10	P1_01 (H_CS)	
(BTN_EN2)	P1_22	P0_26 (H_MOSI)	
(H_DET)	P1_05	RESET	
	GND	3.3V	

Github : <https://github.com/makerbase-mks>
FaceBook : <https://www.facebook.com/Makerbase.mks/>
Makerbase

Sheet:
File: MKS OWL.kicad_pcb

Title: MKS OWL

Size: A4	Date: 2022-11-15	Rev: V1.0_002
KiCad E.D.A. kicad (5.1.10)-1	Id: 1/1	