BIGTREETECH SKR 3 EZ V1.0-PIN

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MFAN | VBB | GND
XM | 2B 2A 1A 1B
MFAN | VBB | GND
YM | 2B 2A 1A 1B
ZAM | 2B 2A 1A 1B
ZBM | 2B 2A 1A 1B
EOM | 2B 2A 1A 1B
MFAN | VBB | GND
E1M | 2B 2A 1A 1B

Motor Power 12/48V | GND

FANO VFAN | PB7
FAN1 VFAN | PB6
FAN2 VFAN | PB5
HE1 VBB | PB4
HEO VBB | PB3
DCIN GND | 12/24V
BED 12/24V | PD7

Motor driver table

	EN	STEP	DIR	UART	
	PD6	PD4	PD3	PD5	**X**
	PD1	PA15	PA8	PD0	**Y**
	PE0	PE2	PE3	PE1	**Z**
	PC7	PD15	PD14	PC6	**E0**
	PD13	PD11	PD10	PD12	**E1**

MOT-SPI

PE15	**MISO**
PE13	**MOSI**
PE14	**SCK**

Z-STOP / Y-STOP / X-STOP

	X-STOP		EODET	
	+5V	+5V	NC	GND
	GND	GND	RESET	PC4
	PC1	PC2	PA7	PB2
	+5V	+5V	PA4	PE7
	GND	GND	PA5	PA6
	PC3	PA0	+5V	GND
	+5V	+5V	PE12	PE11
	GND	GND	PE10	PE9
	PC0	PC15	PE8	PB1
			PB0	PC5

Y-STOP, Z-STOP, E1DET, PWRDET, EODET, EXP2, EXP1

SERVOS

GND	+5V	PE5

Probe

GND	PC13

WIFI

GND	3.3V
PB12	PB15
NC	PB14
PB10	PB13
PB11	NC
NC	NC
PD8	NC
PD9	PC14

CAN FD

GND	RST
GND	PA10
CAN-H	PA9
CAN-L	GND
VBB	+5V
VBB	

TFT / RGB

+5V	
PE6	
GND	

TFT, **RGB**

SKR 3 EZ — SWD, Status, Power, BOOT, RESET, SERVOS, Probe, TFT, PS-ON

USB

D-	U5V
D+	GND

MINI-SD

PC9	PC8	PC12	PD2	PC11	PC10
DATA1	DATA0	CLK		CMD	DATA3	DATA2

PS-ON

PE4	GND

TB

GND	PA1

TH0

GND	PA2

TH1

GND	PA3

SD-M: D- +5V / D+ GND
CAN FD, USB, CAN, VUSB