BIGTREETECH SKR-PRO-V1.1

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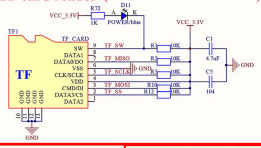
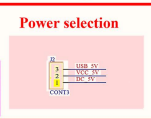
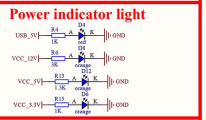
TF card reader (Micro SD Card Reader)



Power selection

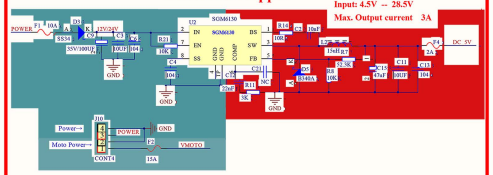


Power indicator light

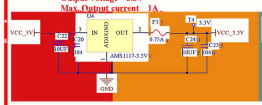


Power DC dropper

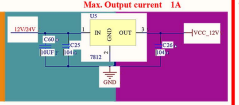
Input: 4.5V -- 28.5V
Max. Output current 3A



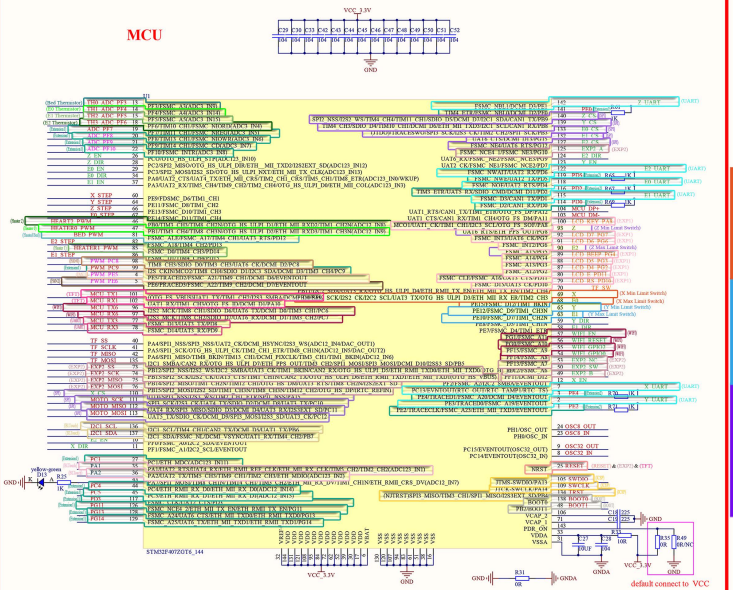
Max. input voltage 15V
Output Voltage 3.3V
Max. Output current 1A



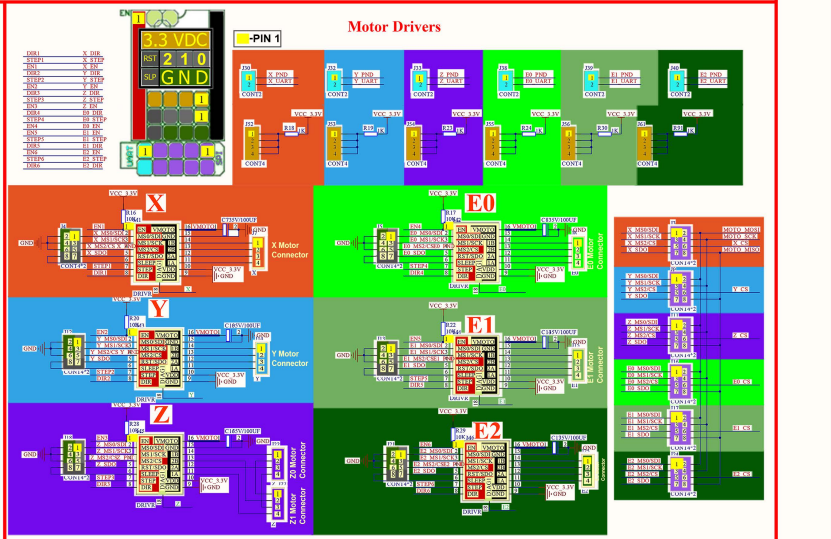
Input Voltage 14V -- 35V
Output Volatge 12V
Max. Output current 1A



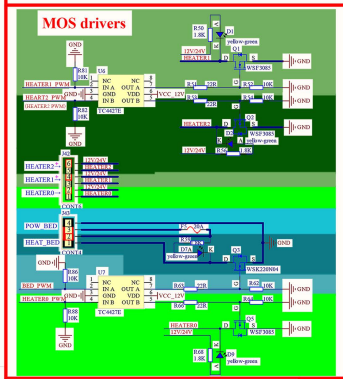
MCU



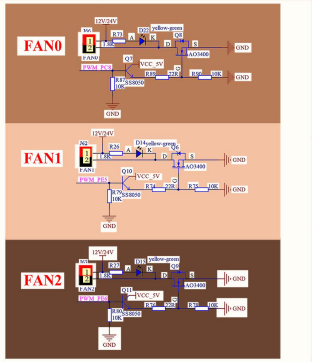
Motor Drivers



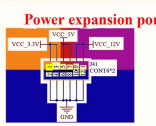
MOS drivers



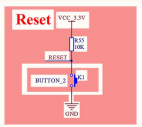
FAN0 / FAN1 / FAN2



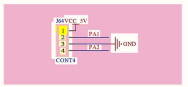
Power expansion ports



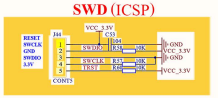
Reset



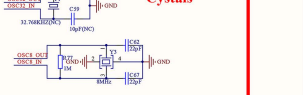
BLTouch



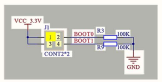
SWD (ICSP)



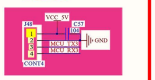
Cystals



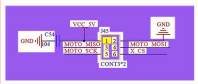
BOOT



UART3

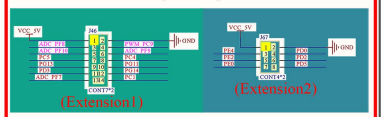


SPI3

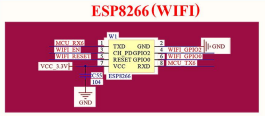


IIC (I2C)

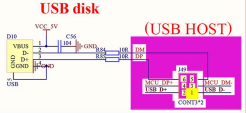
I/O expansion ports



ESP8266 (WIFI)

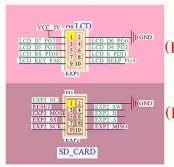


USB disk

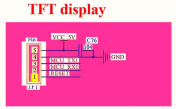


USB (USB Port)

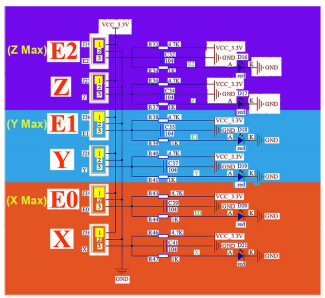
LCD display



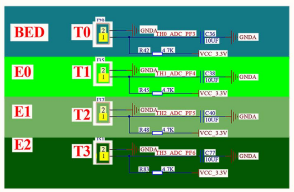
TFT display



Limited switches (Limit switches)



Thermistor ports



Legend for PINS

PIN Box Colors:
- -PIN 1
- -PIN +V
- -PIN (-)GND
- -PIN General Number
- -PIN SPI
- -PIN UART
- -PIN MS2-MS0
- -PIN 3.3 VDC
- -PIN RST/SLP
- -PIN Red Side of Driver Socket
- -PIN Black Side of Driver Socket

Legend for V DC

- -3.3V DC
- -5V DC
- -12V DC

Legend for Axes

- -X Axis
- -Y Axis
- -Z Axis
- -E0 Axis
- -E1 Axis
- -E2 Axis

Legend for Devices

- -Power Select
- -FAN0
- -FAN1
- -FAN2
- -EXP1 (LCD)
- -EXP2 (SD card)
- -TFT
- -RESET
- -BOOT
- -UART
- -SPI
- -I2C
- -BLTouch
- -ICSP
- -Extension1
- -Extension2
- -WIFI
- -USB HOST

Legend for Power

- -Board(12/24)V DC
- -Motor(12/24)V DC
- -Bed(12/24)V DC
- -Heated Bed

Title		
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