AZTEEG X3 V2.0
3D PRINTER CONTROLLER
WIRING DIAGRAM

BASIC SETTINGS
SELECT ARDUINO MEGA 2560 on Arduino IDE
SELECT MOTHERBOARD 33 or 34 or 67 on Marlin or Repetier

EXPANSION

POWER INPUT
PC POWER SUPPLY OR AC/DC SWITCHING PS 12-24VDC

REVERSE POLARITY MAY DAMAGE BOARD

HEATED BED
FAN OR 2ND HOT-END

STEPPER MOTORS

X-AXIS Y-AXIS Z-AXIS EXTR1 EXTR2

STEP SIZE SELECTOR
RESET

INPUT SELECT JUMPER FOR mCONTROLLER
INTERNAL REGULATOR
USB 5V
SECONDARY INPUT

INCORRECT ORIENTATION MAY DAMAGE BOARD AND DRIVER

TERMINALS
GND
VDD
STEP
SLEEP
RST
MS3
MS2
MS1
ENABLE

INCOMPLETE OR INCORRECT CONNECTIONS MAY DAMAGE BOARD

ENDSTOPS
Location of C and NO on switch may vary. Check markings. Signal to ground or to +5V can be used. May require firmware changes.

HEATER WIRE CONNECTOR
H-BED
H-END

THREE-SIDED ENCLOSURE
INCREASE ACCURACY

ICSP
microSD (TransFlash)
Remove jumper to use CS pin externally. For Viki LCD or other display panels. Keep for onboard SD slot.

LOW POWER SWITCH (PWM)

LED STRIPS

5V FAN
12V FAN

HOTEND1 HOTEND2
HOTBED

3D PRINTER CONTROLLER
WWW.PRINUCRT.COM
reprap.org/wiki/Azteeg_X3

v1.0
AZTEEG X3 V2.0
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v2.0 TOP COVER