Z9M4 Firmware and Wiring Diagram

LCD Screen	Picture	Connector
LCD12864		**10PIN IDC**
3.5" TFT-LCD		**Adapter + 10PIN IDC Or 4PIN Dupont wire**
LCD_DWIN		**10PIN IDC**

PL-08N	ZL-Sensor	3DTouch(BLTouch)

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Z9M4 Firmware and Wiring Diagram

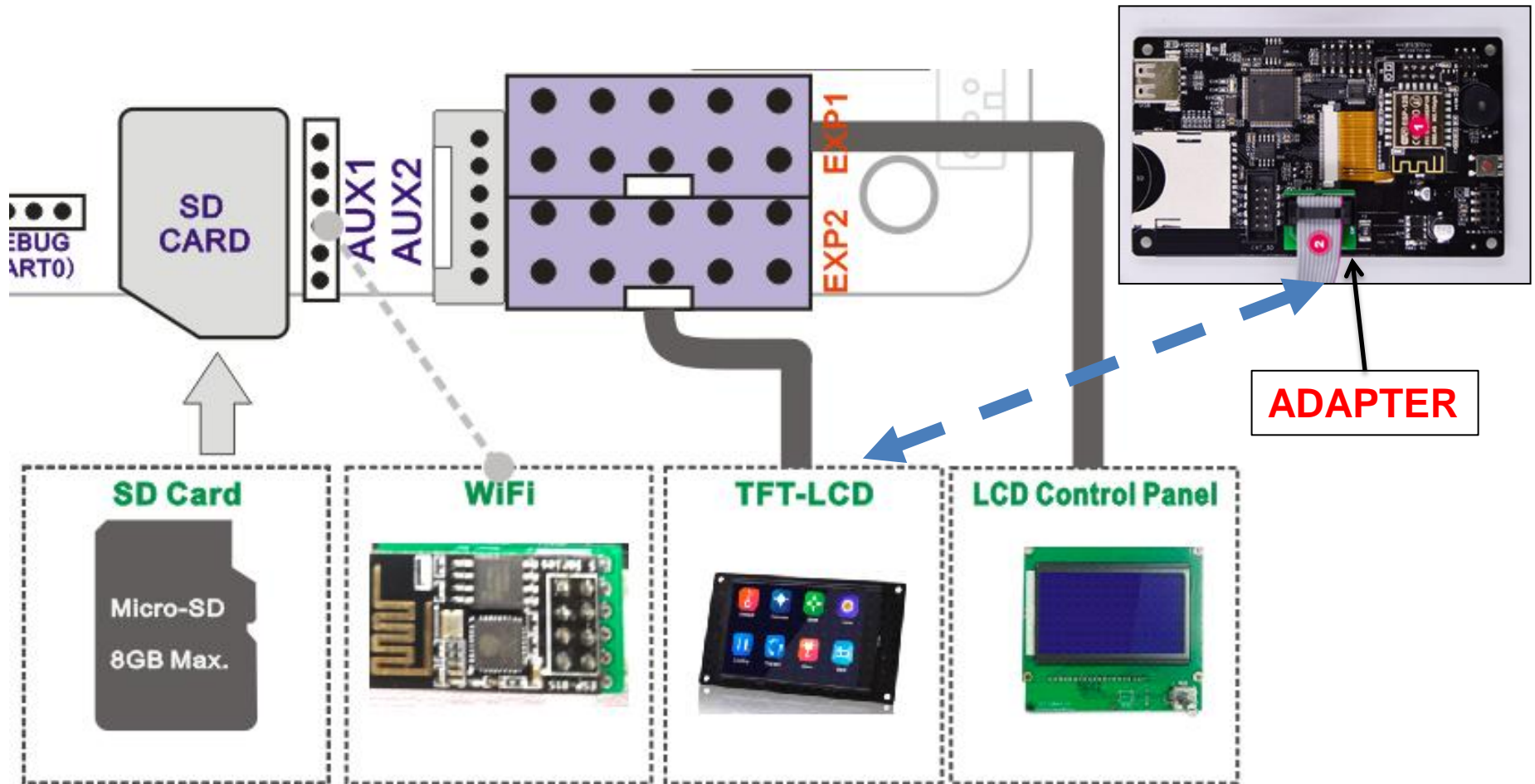| LCD1	LCD2	Bed leveling Sensor	Motor Driver Module		Dual Z ENDSTOP	Firmware file name	Wiring Diagram
LCD12864	3.5" TFT-LCD Or NONE	PL-08N or ZL-Sensor	For XYZ axis ■A4988 □TMC220x	For Extruder ■A4988 □TMC220x	NONE	Z9M4_Vxxxzip	1 (page3)
LCD12864	3.5" TFT-LCD Or NONE	PL-08N or ZL-Sensor	For XYZ axis □A4988 ■TMC220x	For Extruder ■A4988 □TMC220x	NONE	Z9M4_TMC220x@XYZ_Vxxx.zip	1 (page3)
LCD12864	3.5" TFT-LCD Or NONE	PL-08N or ZL-Sensor	For XYZ axis □A4988 ■TMC220x	For Extruder □A4988 ■TMC220x	NONE	Z9M4_TMC220x@ALL_Vxxx.zip	1 (page3)
LCD12864	3.5" TFT-LCD Or NONE	PL-08N or ZL-Sensor	For XYZ axis □A4988 ■TMC220x	For Extruder □A4988 ■TMC220x	YES	Z9M4_TMC220x@ALL_DualZENDSTOP_Vxxx.zip	1 (page3)
LCD12864	3.5" TFT-LCD Or NONE	3DTouch or BLTouch	For XYZ axis □A4988 ■TMC220x	For Extruder ■A4988 □TMC220x	NONE	Z9M4_TMC220x@XYZ_3DTouch_Vxxx.zip	2 (page4)
LCD_DWIN	NONE	PL-08N or ZL-Sensor	For XYZ axis □A4988 ■TMC220x	For Extruder ■A4988 □TMC220x	NONE	Z9M4_LCDDWIN_TMC220x@XYZ_Vxxx.zip	3 (page5)
LCD_DWIN	NONE	3DTouch or BLTouch	For XYZ axis □A4988 ■TMC220x	For Extruder ■A4988 □TMC220x	YES	Z9M4_LCDDWIN_TMC220x@XYZ_3DTouch_Vxxx.zip	3 (page5)

NOTE: If you need any other firmware, please contact with us or download the Source code and build it by yourself.
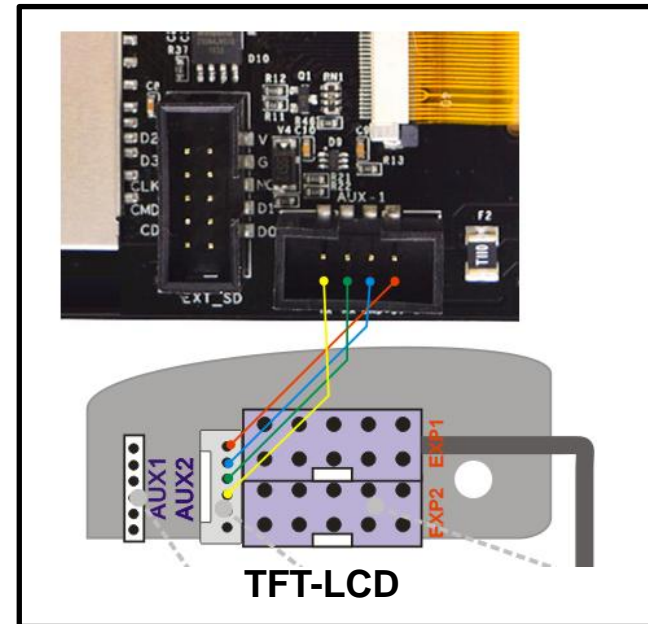
About the wiring diagram, please refer to page3~page5

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ADAPTER

SD CARD

DEBUG (UART0)

AUX1 AUX2

EXP2 EXP1

SD Card

Micro-SD

8GB Max.

WiFi

TFT-LCD

LCD Control Panel

NOTE: LCD12864 connect EXP1 , 3.5Inch TFT-LCD screen connect to EXP2,

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Z9M4 Wiring Diagram 2

AUX1
AUX2
EXP1
EXP2

WiFi

TFT-LCD

BL-Touch

LCD Control Panel

EXP2

BLTouch

EXP2

AUX1
AUX2
EXP1

EXT_SD

AUX-1
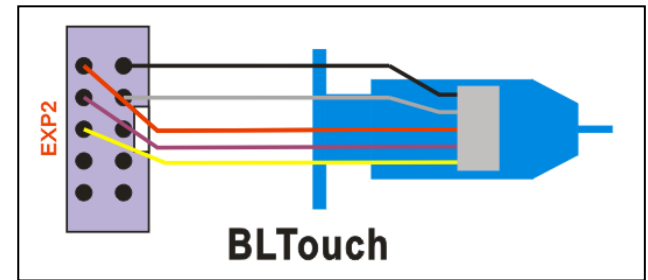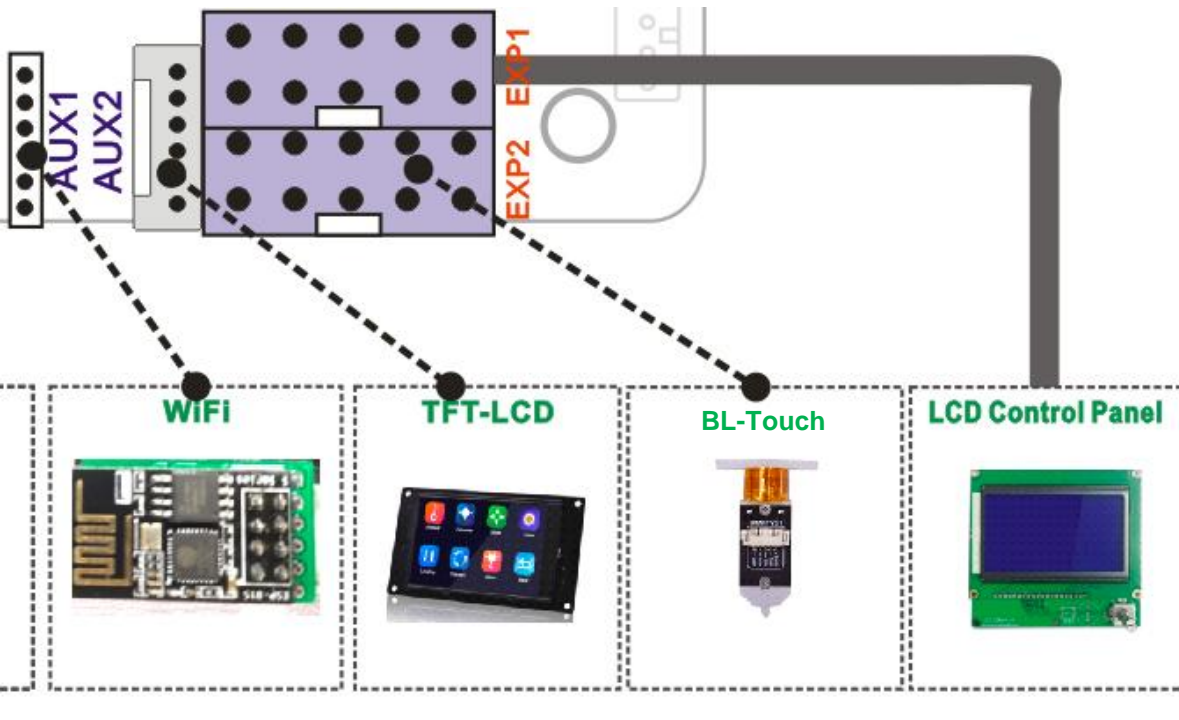
TFT-LCD

NOTE: You can use a motor cable to connect 3.5" TFT-LCD to the control board.

Control board: AUX2 connector PH-2.0mm-6PIN (4pin used)
TFT-LCD: XH-2.54mm 4PIN connector

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SD CARD

AUX1 AUX2

EXP1

EXP2

SD Card

Micro-SD
8GB Max.

WiFi

LCD-DWIN

SMART V3.1

EXP1

BLTouch

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