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**

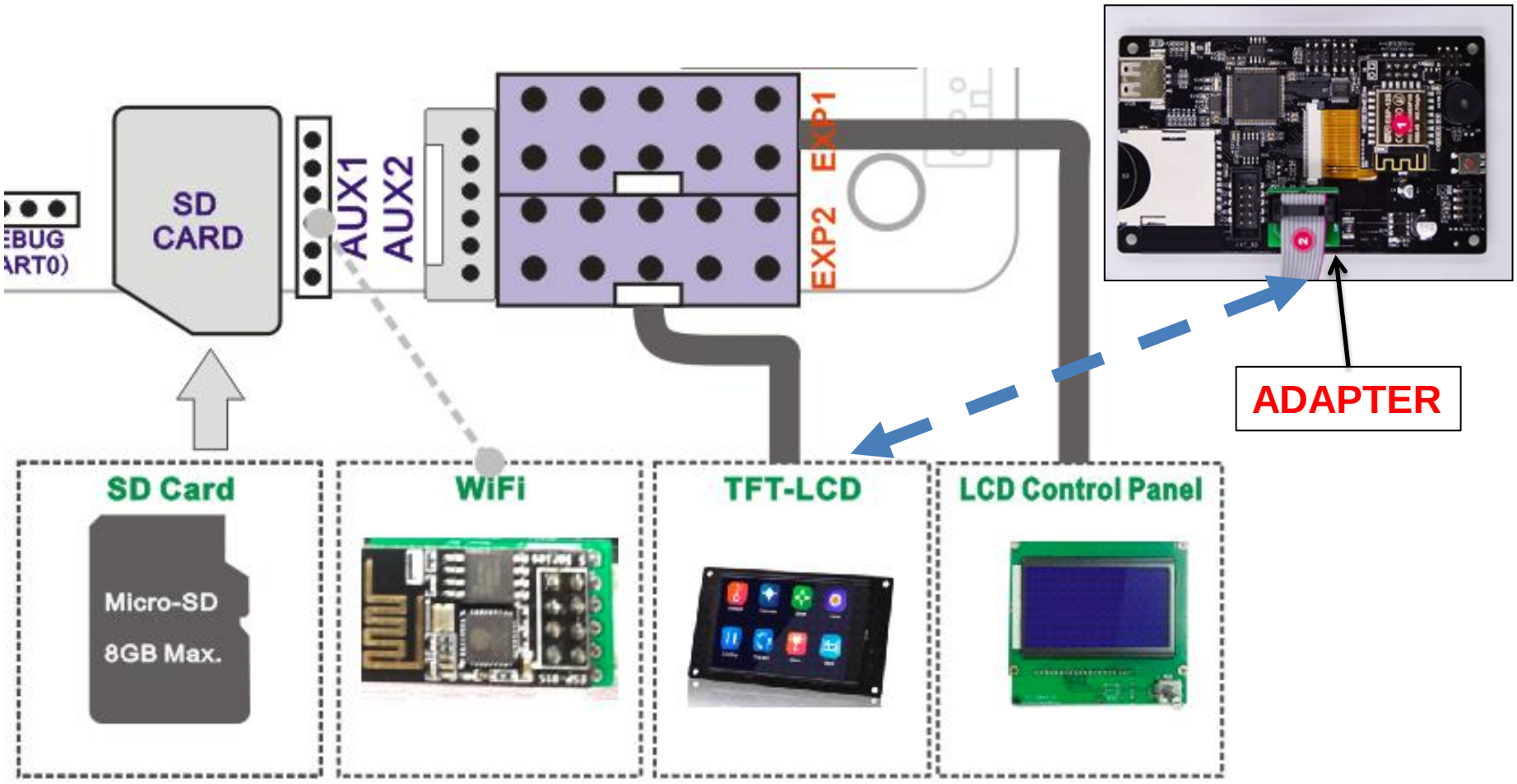
		
PL-08N (3.3V**)**	**ZL-Sensor**	3DTouch(BLTouch)

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	PL-08N	**For XYZ axis** ■A4988 □TMC220x **For Extruder** ■A4988 □TMC220x	NONE	Z9M4_Vxxxzip	1 (page3)
LCD12864	3.5" TFT-LCD	PL-08N	**For XYZ axis** □A4988 ■TMC220x **For Extruder** ■A4988 □TMC220x	NONE	Z9M4_TMC220x@XYZ_Vxxx.zip	1 (page3)
LCD12864	3.5" TFT-LCD	PL-08N	**For XYZ axis** □A4988 ■TMC220x **For Extruder** □A4988 ■TMC220x	NONE	Z9M4_TMC220x@ALL_Vxxx.zip	1 (page3)
LCD12864	3.5" TFT-LCD	PL-08N	**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	NA	PL-08N	**For XYZ axis** □A4988 ■TMC220x **For Extruder** ■A4988 □TMC220x	NONE	Z9M4_LCDDWIN_TMC220x@XYZ_Vxxx.zip	3 (page5)
LCD_DWIN	NA	**ZL-Sensor**	**For XYZ axis** □A4988 ■TMC220x **For Extruder** ■A4988 □TMC220x	**YES**	Z9M4_LCDDWIN_TMC220x@XYZ_ZLSENSOR_Vxxx.zip	4 (page6)
LCD_DWIN	NA	**3DTouch or BLTouch**	**For XYZ axis** □A4988 ■TMC220x **For Extruder** ■A4988 □TMC220x	**YES**	Z9M4_LCDDWIN_TMC220x@XYZ_3DTouch_Vxxx.zip	5 (page6)

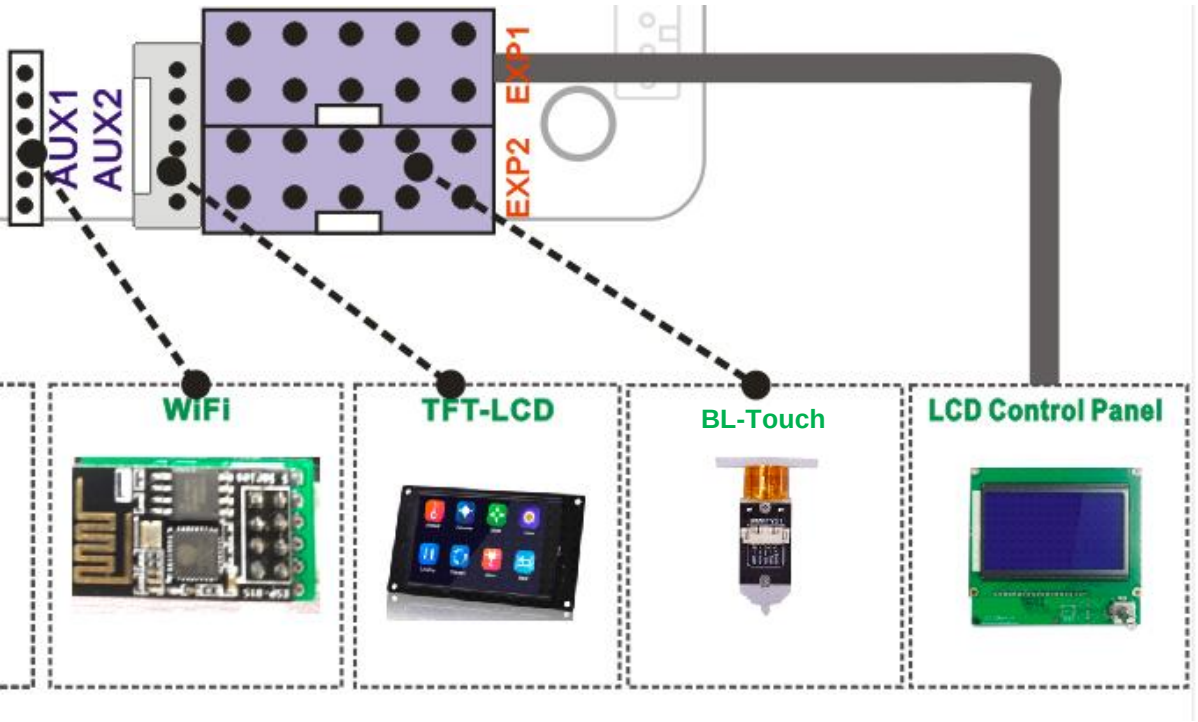
NOTE: If you need any other firmware, please contact with us or download the Source code and build it by yourself.
About the wiring diagram, please refer to page3~page6

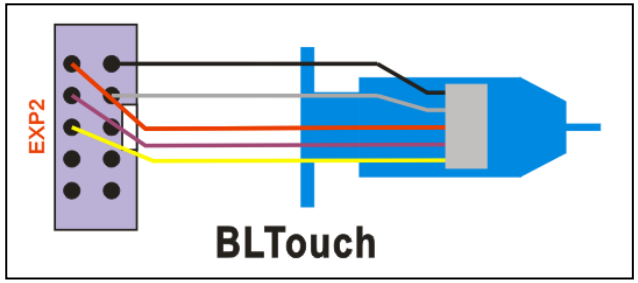
Z9M4 Wiring Diagram 1

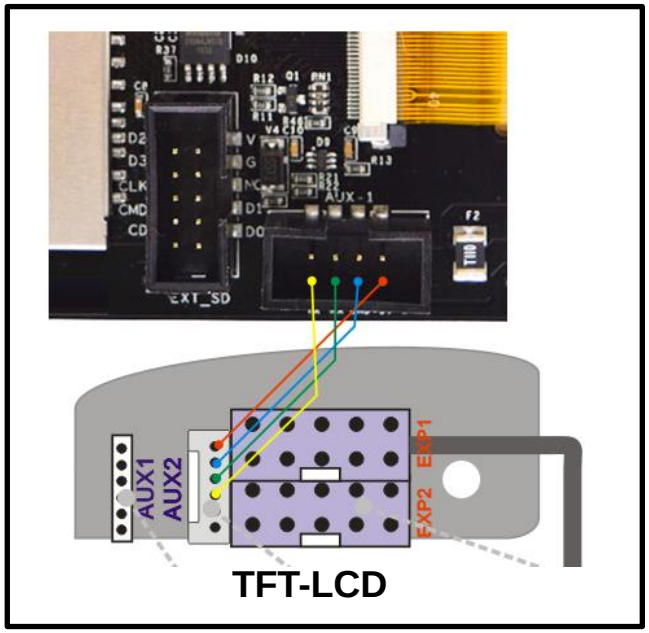


NOTE: LCD12864 connect EXP1 , 3.5Inch TFT-LCD screen connect to EXP2,

Z9M4 Wiring Diagram 2



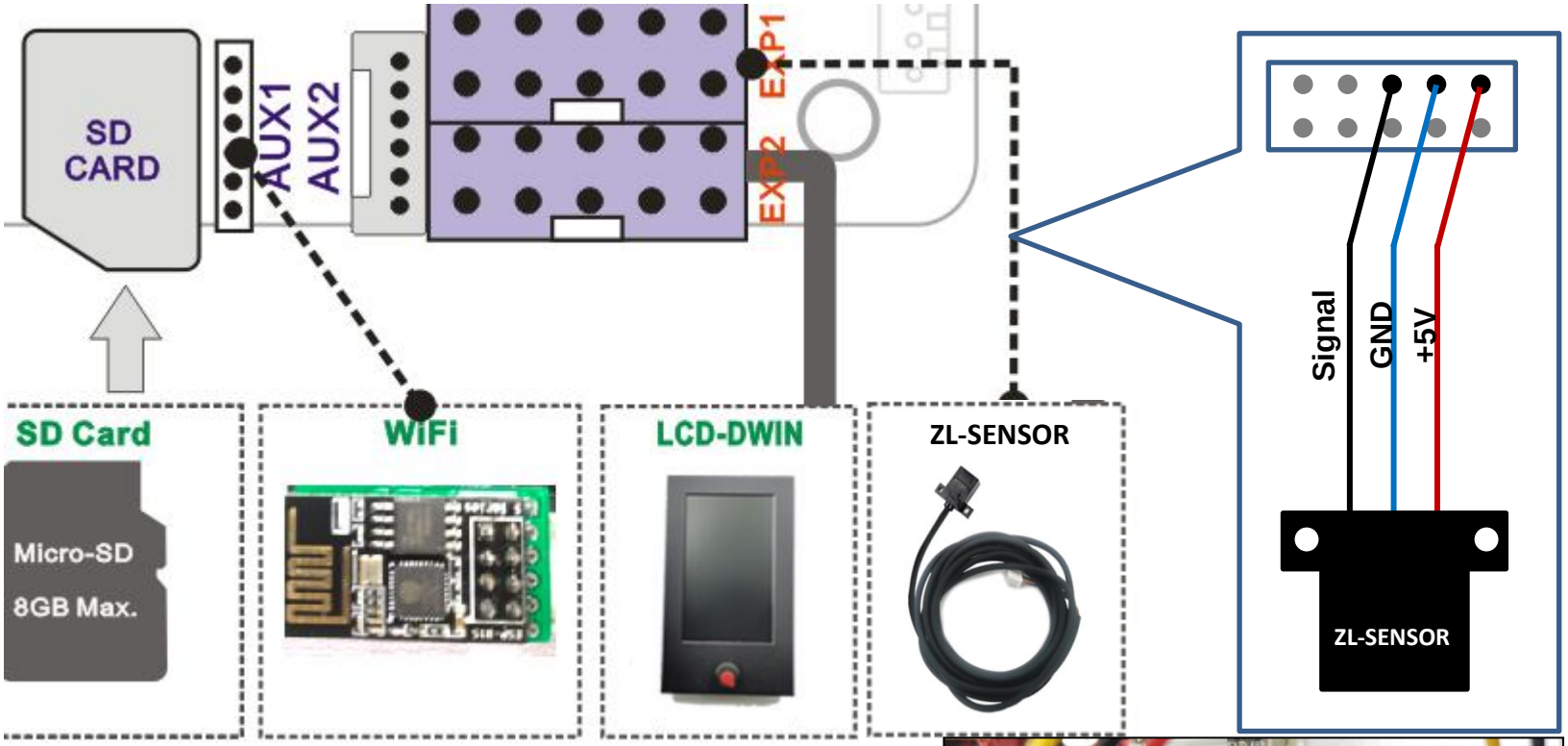




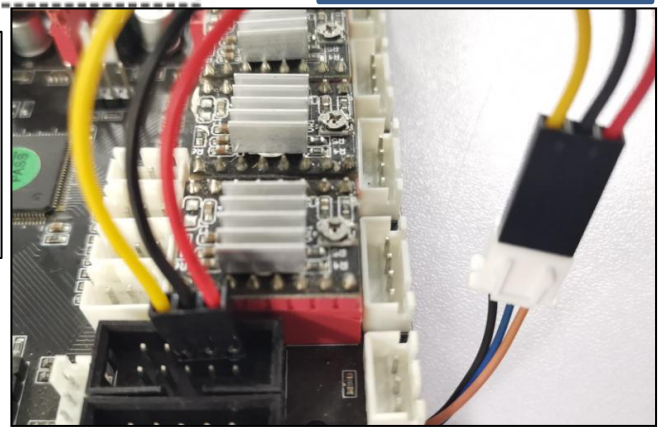
NOTE: You can use a motor cable to connect 3.5” TFT-LCD to the control board.

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

Z9M4 Wiring Diagram 3



NOTE: Because the ZL-Sensor can't work on 3.3V but the V+ pin of ENDSTOP connectors of ZM3E4V1 is 3.3V, so we need to connect the ZL-sensor to the EXP1.



Zonestar

Z9M4 Wiring Diagram 4