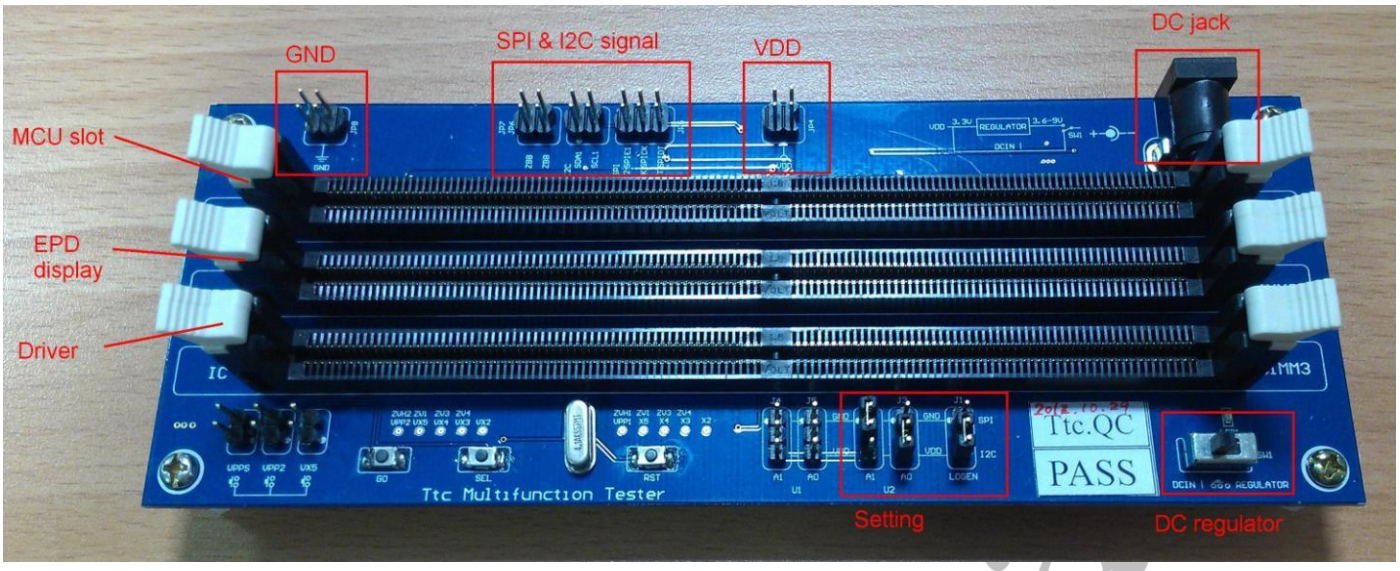
EPD driver DK Figure1：



EPD driver DK Figure2：

Description：

* The parts marked with red color. These parts are functional.

* MCU slot is preparing but not available now.

Power input：

User can use wire connection to VDD & GND plug or plug in DC jack (locate on the right top side)

DC regulator：

Switch to right (regulator) that power without regulator. Switch to left(dcin) will regulate to 3.3V

*User can direct connect power to VDD & GND without regulator.

*1uA ~ 2uA power consume on regulator.

Plug in slot：

Plug in slot figure1：

Plug in slot figure2：

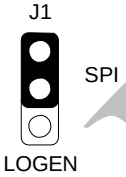
The slot number and plug in number need to be matched. User could ignore the mark on the left side of EV board these are **MCU, EPAPER, IC**. In Figure1 the display board should plug in **DIMM1** not to refer location of **EPAPER**.

Setting：

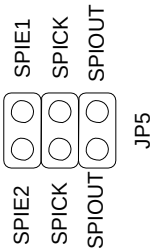
Now we plan only one driver IC on the IC module. So, only U2, SDA2, SCL2, SPIE2 are available.

1. Setting control interface

SPI interface

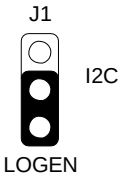


DM130120, DM130160, DM130256 these three driver have SPI interface

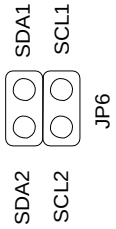


Only SPIE2, SPICK, SPIOUT are functional and correspondence to SPI signal

I2C interface



All EPD drivers have I2C interface, but DM130036 don't need to set here.



Only SDA2, SCL2 are functional.

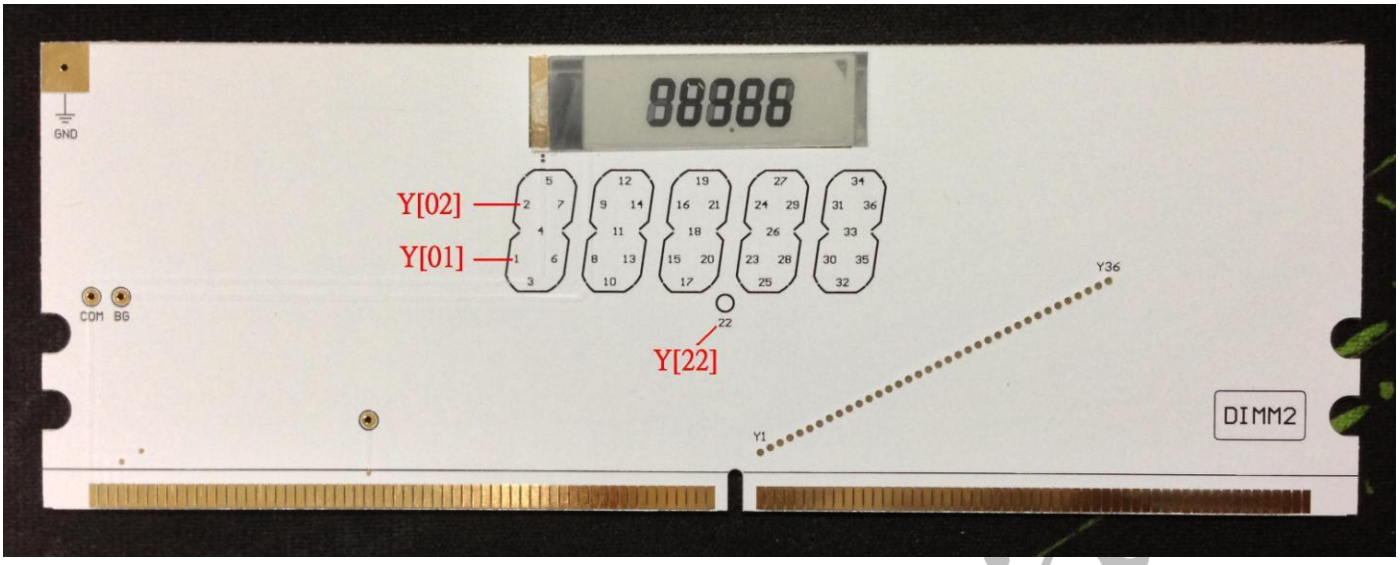
I2C / SPI signal：

Notice

** "A0 / SPIDATA" & "A1 / SPICK" each of these pin is shared. While using SPI interface that "A0 & A1" jumpers need to disable.*

** Tt30036 only use "SDA2" & "SCL2". DM130120, DM130160, DM130256 both SPI & I2C are selectable.*

Annotation：



Here is the figure which represents the correspondent of each segment from Y[01] ~ Y[36]

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