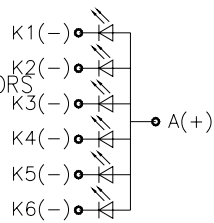


NOTES:

1. DISPLAY TYPE: 2.8", TFT-LCD, 65K/262K COLORS
2. DISPLAY MODE: IPS NORMALLY BLACK
3. VIEWING DIRECTION: ALL
4. DRIVER IC: ST7789V (COG)
5. VCI: 3.3V
6. OPERATING TEMP: -20°C TO 70°C
STORAGE TEMP: -30°C TO 80°C
7. BACK LIGHT: LED WHITE, 6 LED, 120mA, 3.2±0.3V
8. RoHS COMPLIANT.



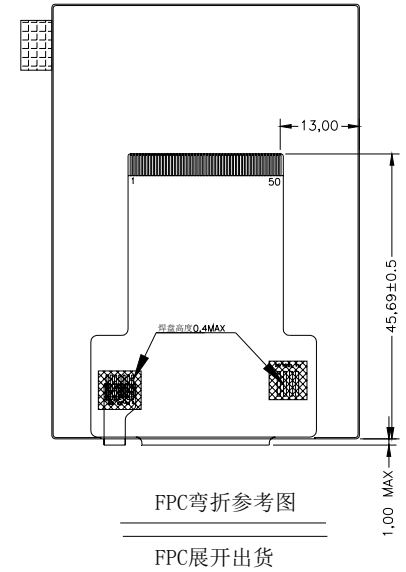
BLU CIRCUIT DIAGRAM

02	Update MCU interface	2015.06.12
01	First issue	2015.01.20
VER.	REVISED DESCRIPTION	DATE

NOTE: RGB interface

RGB Interface	DB Pin in use
16 (666) Bit RGB interface	DB17-DB13, DB11-DB6, DB8-DB1
18 (666) Bit RGB interface	DB17-DB0

NOTE: If used RGB mode must select serial interface!



NOTE: MCU interface SET for IM PINS.

IM2	IM1	IM0	Interface type	DB Pin in use
0	0	0	DBI Tyb_ 16-bit interface	DB17-DB10, DB8-DB1
0	0	1	DBI Tyb_ 8-bit interface	DB17-DB10
0	1	0	DBI Tyb_ 18-bit interface	DB17-DB0
0	1	1	DBI Tyb_ 9-bit interface	DB17-DB9
1	0	1	3-Wire 9 BIT data serial interface.	SDA SCL CS
1	1	0	4-Wire 8 BIT data serial interface	SDA SCL CS RS

NOTE:
If not use PINS fix to the GND ,IOVCC or NC.

NO.	Pin Name
1	GND
2	XR
3	YD
4	XL
5	YU
6	IOVCC
7	IOVCC
8	VCI
9	VCI
10	IM2
11	IM1
12	IM0
13	RESET
14	CS
15	RS (SPI-SCL)
16	WR (SPI-RS)
17	RD
18	VSYNC
19	HSYNC
20	ENABLE
21	DOTCLK
22	SDA
23	DB0(B0)
24	DB01(B1)
25	DB02(B2)
26	DB03(B3)
27	DB04(B4)
28	DB05(B5)
29	DB06(G0)
30	DB07(G1)
31	DB08(G2)
32	DB09(G3)
33	DB10(G4)
34	DB11(G5)
35	DB12(R0)
36	DB13(R1)
37	DB14(R2)
38	DB15(R3)
39	DB16(R4)
40	DB17(R5)
41	SDO
42	GND
43	LEDA
44	LEDK1
45	LEDK2
46	LEDK3
47	LEDK4
48	LEDK5
49	LEDK6
50	GND



MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	CAROL 2015.06.12	SCALE : 1/1	MODULE P/N:
CHECKED BY:		UNIT: mm	MI0283AAT-1
APPROVED BY:			DESCRIPTION:
VERSION NO:	02		TFT MODULE