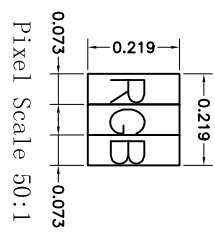


BACKLIGHT CIRCUIT DIAGRAM:
WHITE LED (1*2)
IF=30mA V_F=3.0±0.2V



| | | |
|---|-----------|---|
| 5 | Pull Tape | 1 |
| 4 | Backlight | 1 |
| 3 | FPC | 1 |
| 2 | IC | 1 |
| 1 | LCD | 1 |

CUSTOMER APPROVAL:

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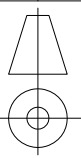
DRAWN: 吴逸翔
2019-05-31

CHECKED: 陈秀丹
2019-05-31

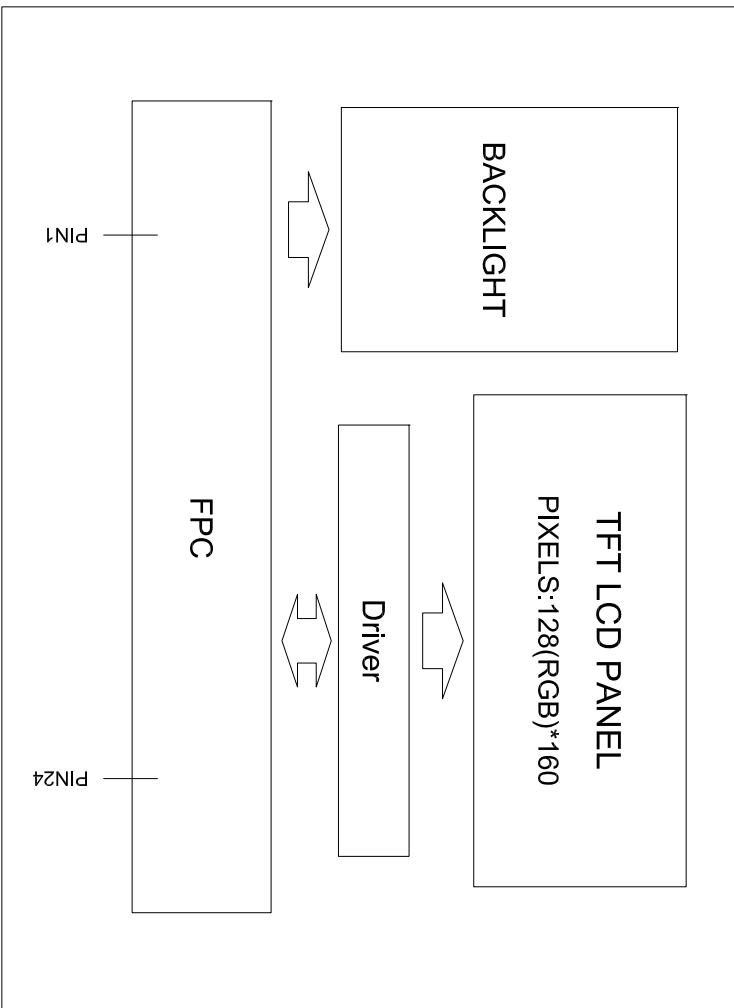
APPROVED: 黄宏生
2019-05-31

LCM NO: GMMTFP16274-LCM/A
DWG NO: ED-16274-LCM/A

Rev: 00 UNITS: mm
SHEET 1 OF 2



Block Diagram:



PIN DESCRIPTION:

| NO. | SYMBOL | Function Description |
|-----|--------|--|
| 1 | GND | Power Ground |
| 2 | VDDI | Power supply for I/O system. |
| 3 | VDD | Power supply for analog, digital system and booster circuit. |
| 4 | /CS | Chip select signal input pin (low active) |
| 5 | /RESET | Reset signal input pin (low active) |
| 6 | D/C | Register select signal input pin |
| 7 | /WR | Write signal input pin (low active) |
| 8 | /RD | Read signal input pin (low active) |
| 9 | DB0 | 8-bit parallel bi-directional data bus |
| 10 | DB1 | 8-bit parallel bi-directional data bus |
| 11 | DB2 | 8-bit parallel bi-directional data bus |
| 12 | DB3 | 8-bit parallel bi-directional data bus |
| 13 | DB4 | 8-bit parallel bi-directional data bus |
| 14 | DB5 | 8-bit parallel bi-directional data bus |
| 15 | DB6 | 8-bit parallel bi-directional data bus |
| 16 | DB7 | 8-bit parallel bi-directional data bus |
| 17 | BL_A | Anode of LED Backlight |
| 18 | BL_K1 | Cathode of LED Backlight 1 |
| 19 | BL_K2 | Cathode of LED Backlight 2 |
| 20 | GND | Power Ground |
| 21 | NC | NC |
| 22 | NC | NC |
| 23 | NC | NC |
| 24 | NC | NC |

DISPLAY TYPE: TFT/Normal White (65K/262K Color)
 DISPLAY MODE: Transmissive
 VIEWING DIRECTION: 6:00(for best image quality)
 DRIVER IC: ST7735S
 POWER VOLTAGE: VDDI=VDD=2.8±0.1V
 INTERFACE MODE: 80-System 8-bit Interface
 BACKLIGHT COLOR: White 2 LED
 OPERATING TEMPERATURE: -20° ~ +70° C
 STORAGE TEMPERATURE: -30° ~ +80° C
 INTERFACE CONNECTOR: FPC
 ALL UNMARKED TOLERANCE: ±0.3mm
 () REFERENCE DIMENSION

A00: Original Version (14539_LCM_A02基础上,变更数据资源), 2019-05-31
 Revision History:

CUSTOMER APPROVAL:

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DRAWN:

林挺

2019-05-31

CHECKED:

-

APPROVED:

黄宏生

2019-05-31

LCM NO: GWMTF16274-LCM/A

Rev: 00

UNITS: mm

DWG NO: ED-16274-LCM/A

SHEET 2 OF 2

