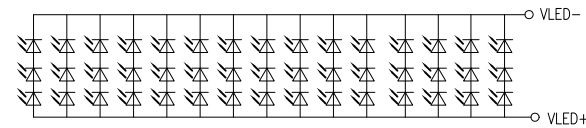


PIXEL DETAILS



3*15=45PCS

BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR LCM

| NO. | SYMBOL |
|-----|---------|
| 1 | VLED- |
| 2 | VLED- |
| 3 | VLED+ |
| 4 | VLED+ |
| 5 | NC |
| 6 | GND |
| 7 | ELV3P |
| 8 | ELV3N |
| 9 | GND |
| 10 | ELV2P |
| 11 | ELV2N |
| 12 | GND |
| 13 | ELVCLKP |
| 14 | ELVCLKN |
| 15 | GND |
| 16 | ELV1P |
| 17 | ELV1N |
| 18 | GND |
| 19 | ELVOP |
| 20 | ELVON |
| 21 | GND |
| 22 | OLV3P |
| 23 | OLV3N |
| 24 | GND |
| 25 | OLV2P |
| 26 | OLV2N |
| 27 | GND |
| 28 | OLVCLKP |
| 29 | OLVCLKN |
| 30 | GND |
| 31 | OLV1P |
| 32 | OLV1N |
| 33 | GND |
| 34 | OLVOP |
| 35 | OLVON |
| 36 | GND |
| 37 | I2C_SDA |
| 38 | I2C_SCL |
| 39 | VDD_OTP |
| 40 | VDDIN |
| 41 | VDDIN |
| 42 | VDDIN |
| 43 | VDDIN |
| 44 | VDDIN |
| 45 | VDDIN |

NOTES:

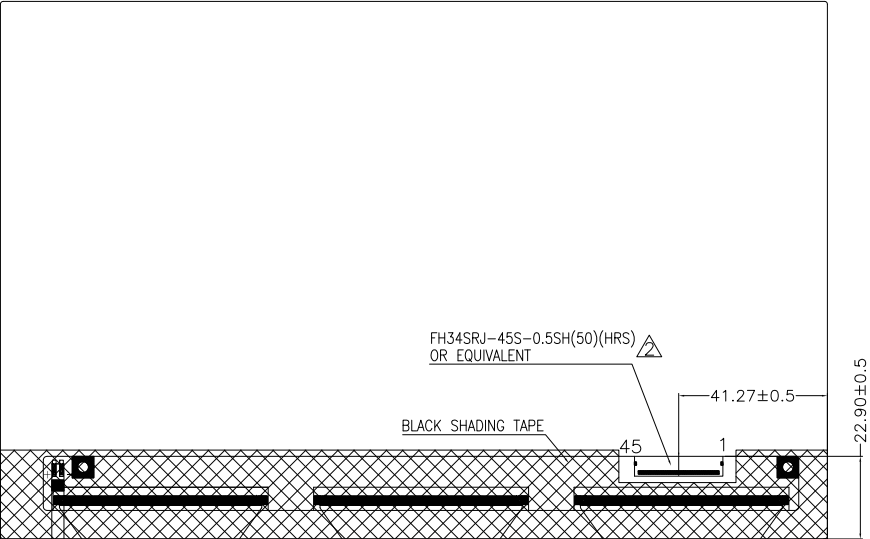
1. DISPLAY TYPE: IPS TFT, TRANSMISSIVE, NORMALLY BLACK.
2. OPERATING VOLTAGE: VDDIN=3.3V.
3. VIEWING DIRECTION: FULL VIEWING ANGLE.
4. DRIVER IC: HX8290-B.
5. OPERATING TEMP.: -20°C ~ 70°C.
6. STORAGE TEMP.: -30°C ~ 80°C.
7. LED BACKLIGHT: 45-CHIP WHITE LED, If=300mA, Vf=8.4~10.5V.
8. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE.
9. SURFACE LUMINANCE: 300CD/M²(TYP.).
10. GENERAL TOLERANCE: ±0.3MM.
11. ROHS COMPLIANT.





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|--------------|---------------------|------------|-------------|--------------|-------------|
| DRAWN BY: | RITA | 2020.08.07 | | MODULE P/N: | MI1010ART-1 |
| CHECKED BY: | | | SCALE : 1/1 | | |
| APPROVED BY: | | | UNIT: mm | DESCRIPTION: | TFT MODULE |
| VER. | REVISED DESCRIPTION | REVISER | DATE | VERSION NO: | 02 |
| | | | | SHEET NO.: | 1/2 |

| | | | |
|----|--------------------|------|------------|
| 02 | ADD CONNECTOR P/N. | RITA | 2020.09.28 |
| 01 | FIRST ISSUE | RITA | 2020.08.07 |



| | | | | | |
|--|---------------------|---------------------------|------------|---|----------------|
|  MULTI-INNO TECHNOLOGY CO.,LTD. | | DRAWN BY: RITA 2020.08.07 | |  | MODULE P/N: |
| | | CHECKED BY: | | | SCALE : 1/1 |
| 02 ADD CONNECTOR P/N. | | RITA | 2020.09.28 | APPROVED BY: | DESCRIPTION: |
| 01 FIRST ISSUE | | RITA | 2020.08.07 | UNIT: mm | TFT MODULE |
| VER. | REVISED DESCRIPTION | REVISER | DATE | VERSION NO: | SHEET NO.: 1/2 |

| | | | |
|------|---------------------|---------|------------|
| 02 | ADD CONNECTOR P/N. | RITA | 2020.09.28 |
| 01 | FIRST ISSUE | RITA | 2020.08.07 |
| VER. | REVISED DESCRIPTION | REVISER | DATE |