



CONSTANT CURRENT:160mA,9.6V(REF.)
BACKLIGHT DRIVER CIRCUIT DIAGRAM

LCM(PIN define)

| Pin No. | Symbol | Pin No. | Symbol |
|---------|--------|---------|--------|
| 1 | VCOM | 21 | RXIN3+ |
| 2 | VDD | 22 | GND |
| 3 | VDD | 23 | NC |
| 4 | NC | 24 | NC |
| 5 | REST | 25 | GND |
| 6 | STBYB | 26 | NC |
| 7 | GND | 27 | NC |
| 8 | RXIN0- | 28 | NC |
| 9 | RXIN0+ | 29 | AVDD |
| 10 | GND | 30 | GND |

TP(PIN define)

| PIN | NAME |
|-----|------|
| 1 | GND |
| 2 | SCL |
| 3 | SDA |
| 4 | INT |
| 5 | RST |
| 6 | NC |
| 7 | AVDD |
| 8 | NC |

| ITEM | PARAMETERS | ITEM | PARAMETERS |
|-----------------------|---------------------|-----------------------|----------------|
| DISPLAY TYPE | TFT(6.95"),POSITIVE | VIEWING DIRECTION | 12 O'CLOCK |
| DRIVING METHOD | 800RGB*480PIXEL | OPERATING TEMPERATURE | -20°C TO +70°C |
| POLARIZER TYPE | TRANSMISSIVE | STORAGE TEMPERATURE | -30°C TO +80°C |
| LCD OPERATING VOLTAGE | XXXX | BACKLIGHT | EDGE,WHITE |
| LOGIC VOLTAGE(VDD) | 3.3V | CONNECTOR | COG+FPC |
| RoHS COMPLIANT | | | |

MARK"*"ARE IMPORTANT DIMENSIONS,MARK"()"ARE REFERENCE DIMENSIONS,MARK"★"ARE SPECIAL CHARACTERISTICS RELATED TO SAFETY,MARK"☆"ARE SPECIAL CHARACTERISTICS IRRELEVANT TO SAFETY,MARK"●"ARE IMPORTANT CHARACTERISTICS EXCEPT FOR THE SPECIAL CHARACTERISTICS.

| REVISION | | | | | | | | | | |
|----------|--------|-------------|-----|--------------|------|------|------|------|------|------|
| REV | ECO NO | DESCRIPTION | DWN | DATE | CHKD | DATE | APVD | DATE | APVD | DATE |
| A | | Initial | | Oct./02/2015 | | | | | | |

DRAWN BY
ZHIXING XU
DATE: Oct./02/2015
CHECKED BY
DATE:
APPROVED BY
DATE:
APPROVED BY
DATE:

UNLESS OTHERWISE SPECIFIED:
1) ALL DIMENSIONS ARE IN MM.
2) TOLERANCE
.XXX ±.127
.XX ±.254
ANGLES ±0.5°
THIRD ANGLE PROJECTION
DRAWING SIZE: C
DRAWING SCALE: NONE
DO NOT SCALE DRAWING

POLYTRONIX, INC. 805 ALPHA DRIVE
RICHARDSON, TX 75081
972.238.7045
CUSTOMER ID NUMBER: SHEET 1 OF 1
TITLE:
CAGE CODE NO. 2Y126 POLYTRONIX PART NUMBER: PT-70WV-CN-05 REV: A