



ORIENT DISPLAY

Your Total LCD Solution Provider

Specification for LCD Glass Panel

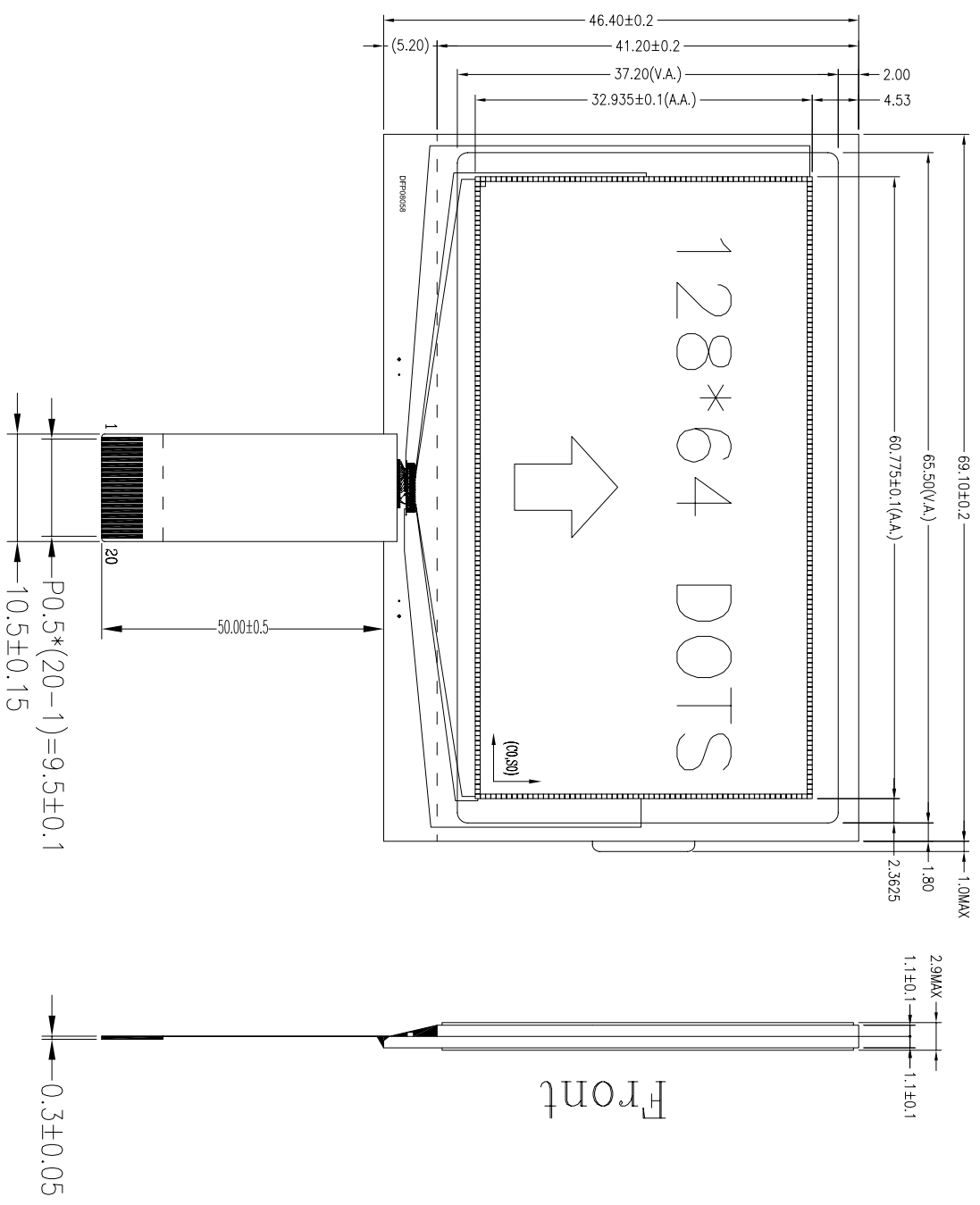
JAZZ-AC-B

Revision A



| | |
|------|--|
| JAZZ | 2.7" COG Type Graphic LCD |
| AC | Serial AC, Dimension 69.10 × 46.40 × 2.90 mm |
| B | STN Negative Blue |
| / | Resolution 128 x 64 |
| / | Transmissive |
| / | 6 o'clock Viewing Direction |
| / | Top: -20~+70°C; Tstr: -30~+80°C |
| / | RoHS Compliant |
| / | FPC Connection |
| / | Controller ST7567 |
| / | Pair with Backlight JAZZ-AE |





| | | |
|----|-----------|----------|
| NO | Part Name | Quantity |
| 2 | LCD | 1 |
| 1 | | |

CUSTOMER APPROVAL:



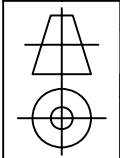
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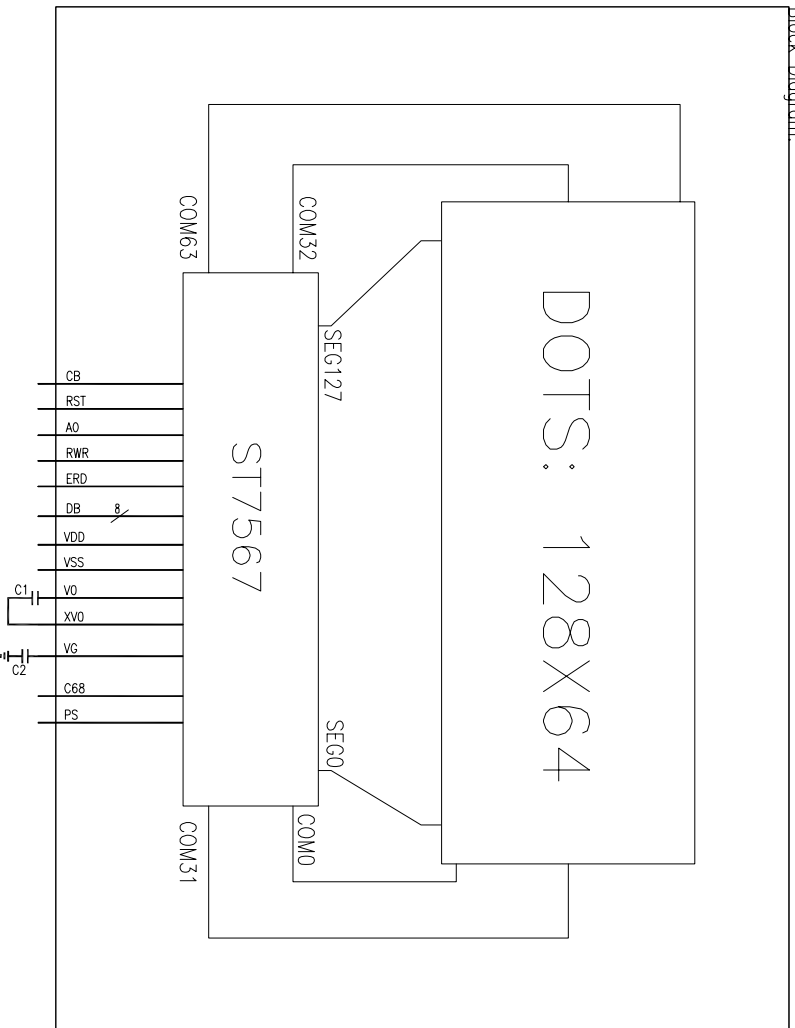
APPROVED:

LCM NO: JAZZ-A-C-B
DWG NO: JAZZ-AC-B

Rev: 00 UNITS: mm
SHEET 1 OF 2



Block Diagram:



DISPLAY TYPE: **STN/BLUE, Transmissive, Negative**
 VIEWING DIRECTION: 6:00
 DRIVER IC: ST7567
LOGIC VOLTAGE: 3.2+0.1V
 LCD DRIVE VOLTAGE(V_{lcd}): 9V
 DRIVING METHOD: 1/65 DUTY, 1/9 BIAS
 OPERATING TEMPRATURE: -20°C ~ +70°C
 STORAGE TEMPRATURE: -30°C ~ +80°C
INTERFACE CONNECTOR: FPC
 All UNMARKED TOLERANCE: ±0.3mm



Pin Description:

| Pin | Symbol | Function Description |
|-----|--------|--|
| 1 | CSB | Chip select input pin |
| 2 | RST | Reset input pin |
| 3 | A0 | Register select pin |
| 4 | RWR | Read/Write execution control pin |
| 5 | ERD | Read/Write execution control pin |
| 6 | DB0 | 8-bit parallel interface |
| 7 | DB1 | 8-bit parallel interface |
| 8 | DB2 | 8-bit parallel interface |
| 9 | DB3 | 8-bit parallel interface |
| 10 | DB4 | 8-bit parallel interface |
| 11 | DB5 | 8-bit parallel interface |
| 12 | DB6 | 8-bit parallel interface |
| 13 | DB7 | 8-bit parallel interface |
| 14 | VDD | Power supply |
| 15 | VSS | Ground |
| 16 | V0 | Connect 1uF cap. to the XV0 PIN |
| 17 | XV0 | Connect 1uF cap to the V0 PIN |
| 18 | VG | LCD driving voltage for segment circuits |
| 19 | C68 | Parallel interface mode(6800=1;8080=0) |
| 20 | PS | PSB selects the interface type |

DRAWN:

CHECKED:

APPROVED:

| | |
|-----------------------|-----------|
| A00: Original Edition | |
| Revision History: | |
| LCM NO: JAZZ-A-C-B | Rev: 00 |
| DWG NO: JAZZ-A-C-B | UNITS: mm |
| SHEET 2 OF 2 | |

CUSTOMER APPROVAL:

