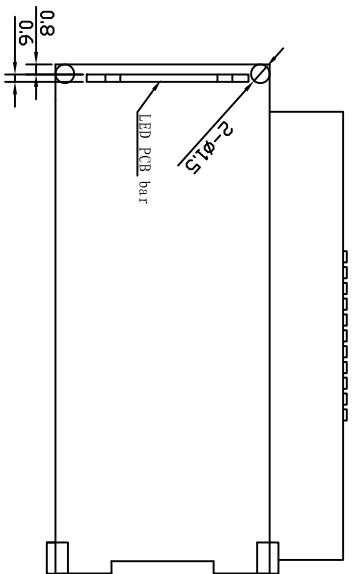


LCD PANEL	IC PAD
S1-S35	SEG1-SEG35
C1-C7	COM16-COM10
a	SEG6, COM10
b	SEG16, COM10
c	SEG26, COM16



- NOTE:**
1. DISPLAY TYPE: TN-TRANSMISSIVE-NEGATIVE
  2. VIEWING DIR.: 6:00
  3. DRIVE METHOD: 1/8 DUTY, 1/4 BIAS, VOP=5V, VDD=3.3±0.2V
  4. OP. TEMP.: -20°C~70°C
  5. ST. TEMP.: -25°C~75°C
  6. DRIVE IC: ST7032
  7. BACKLIGHT: BLUE, 465~472nm, 100cd/m<sup>2</sup>  
IF=60mA, VF=3.2±0.2V
  8. FOR SERIAL INTERFACE

**REVISIONS**

MARK	DATE	DESCRIPTION	DRAWN	CHECK	APPROVE	NAME	DATE	UNLESS OTHERWISE NOTED TOLERANCES: ±0.2	CHECK	APPROVE	PART NO.	HC040101G-t162L-VA
											DWG NO.	C040101G-WX
											SUB-DWG NO.	4
											PAGE	1-1
											UNIT	mm
											HT DISPLAY CO., LTD.	

## EXTERNAL PIN DESCRIPTION

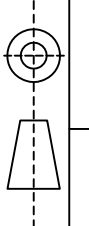
PIN NO.	SYMBOL	DESCRIPTION
1	V0	POWER SUPPLY FOR LCD DRIVE
2	VOUT	THE VOLTAGE OF DC-DC CONVERTER
3	CAP1N	FOR VOLTAGE BOOSTER
4	CAP1P	
5	VDD	POWER SUPPLY FOR LOGIC
6	VSS	GND
7	SI	INPUT DATA
8	SCL	SERIAL CLOCK
9	/CS	L=SELECT THE CHIP
10	RS	H=DATA REGISTER;L=INSTRUCTION REGISTER
11	/RST	L=RESTART THE CHIP

## REFERENCE TO ST7032 DATASHEET

## INTERNAL PIN CONNECTION

SYMBOL	DESCRIPTION
CLS	H:INTERNAL OSCILLATION
SHLS	H:SEG1-80 ← COLUMN ADDRESS 0-79
SHLC	L:COM1-16 ← ROW ADDRESS 15-0
EXT	L:ENABLE EXTENSION INSTRUCTION
PSB	L:SERIAL INTERFACE

### REVISIONS

MARK	DATE	DESCRIPTION	DRAWN	CHECK	APPROVE	DRAWN	CHECK	APPROVE	PART NO.	HC040101G-t162L-VA
									DWG. NO.	C040101G-VX
						DATE	05.12.9		SUB-DWG. NO.	4
									PAGE	1-2 UNIT mm
						UNLESS OTHERWISE NOTED TOLERANCES :F0.2			HTDISPLAY CO.,LTD	