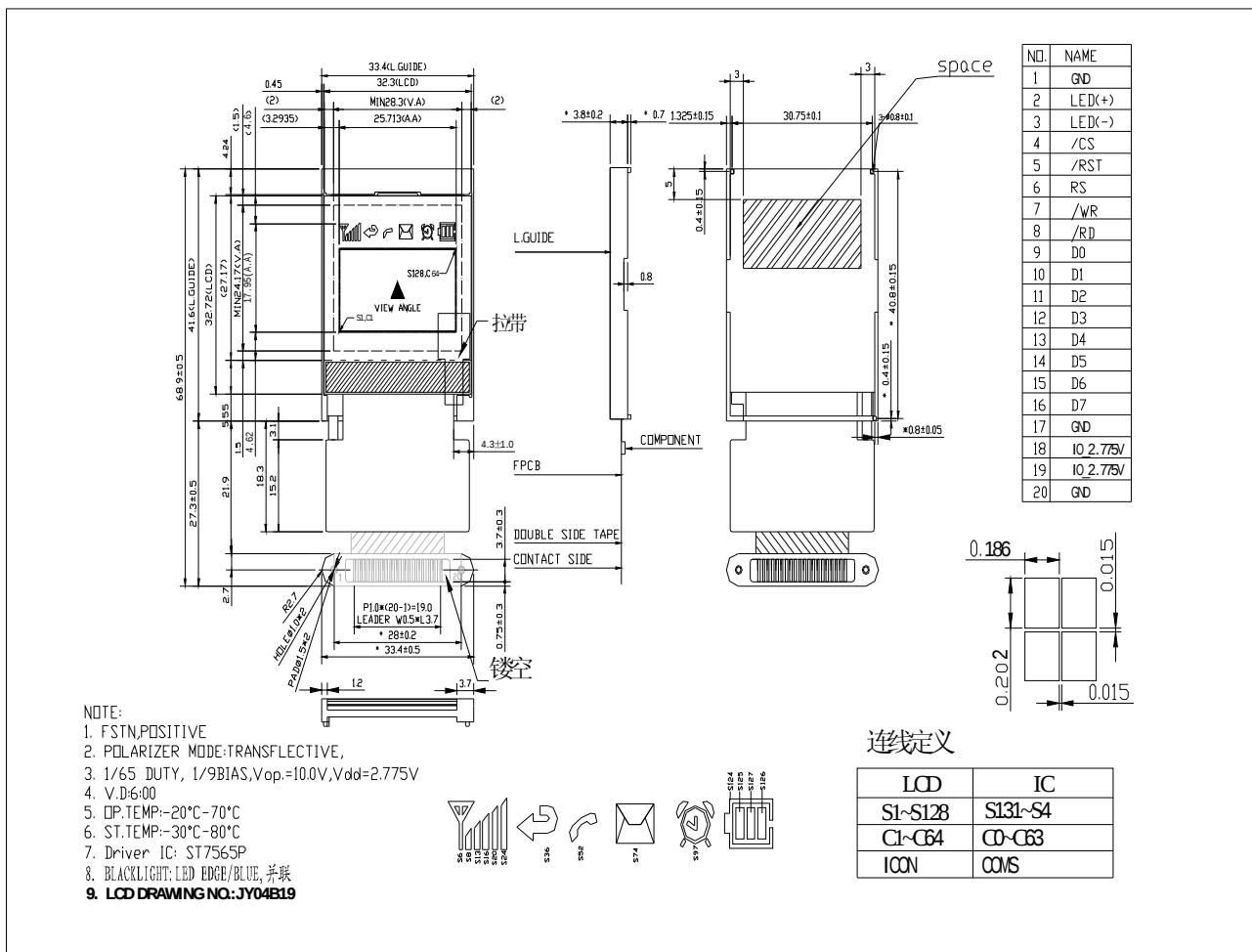
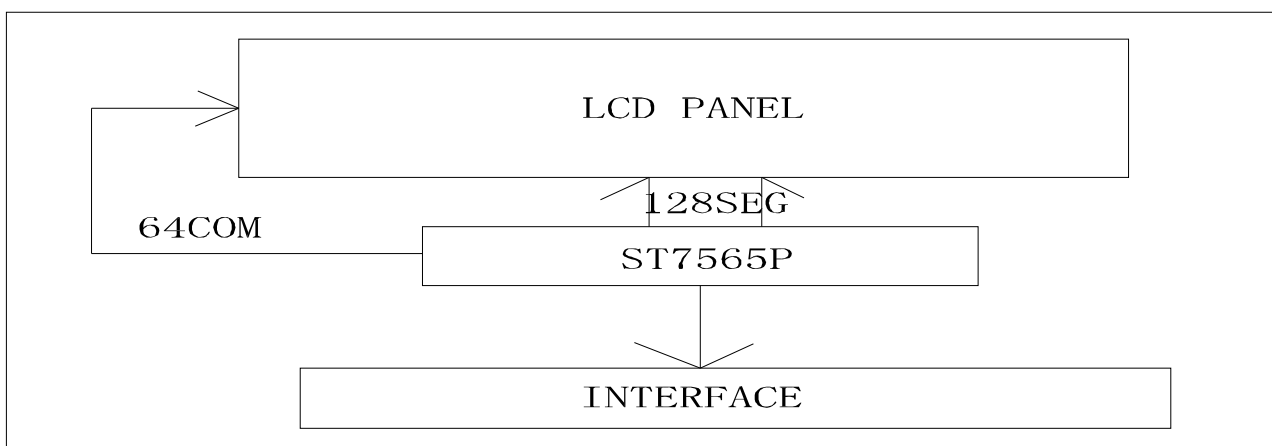


1.0 DIMENSIONAL DRAWING



2.0 BLOCK DIAGRAM



3.0 ELECTRICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $V_{DD}=3.0V\pm0.25V$

Item	Symbol	Test Condition	Standard Value			
			Min.	Typ.	Max.	Unit
Power Supply for Logic	VDD	25°C	2.4	2.775	3.3	V
LCD Operation Voltage	Vop.	25°C	9.6	9.8	10.0	V
LCM Current Consumption	Idd	25°C			1.0	mA

4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Standard Value		
		Min.	Max.	Unit
Power Supply for Logic	VDD	0.3	5.0	V
LCD Operation Voltage	Vo.	0.3	18.0	V
Input Voltage	Vin	0.3	4.0	V
Operating Temp	Top.	-20	70	°C
Storage Temp	Tst.	-30	80	°C

5.0 PIN ASSIGNMENT

Pin No.	Symbol	Description
1	GND	Ground
2	LED(+)	Backlight LED(+): +3.5V
3	LED(-)	Backlight LED(-): 0V
4	/CS	This is the chip select signal L: Chip selected; H:Chip deselected
5	/RST	L: Reset; H:Normal
6	RS	H: Data; L: Control
7	/WR	Write signal
8	/RD	Read signal
9-16	D0-D7	Data bus
17	GND	Ground
18	IO_2.775V	Power supply input:+2.775V
19	IO_2.775V	Power supply input:+2.775V
20	GND	Ground

Remark

1. LCD option: STN, FSTN .
2. Customized module.
3. Backlight option: EL backlight feature, other specs not available on catalog is under request.