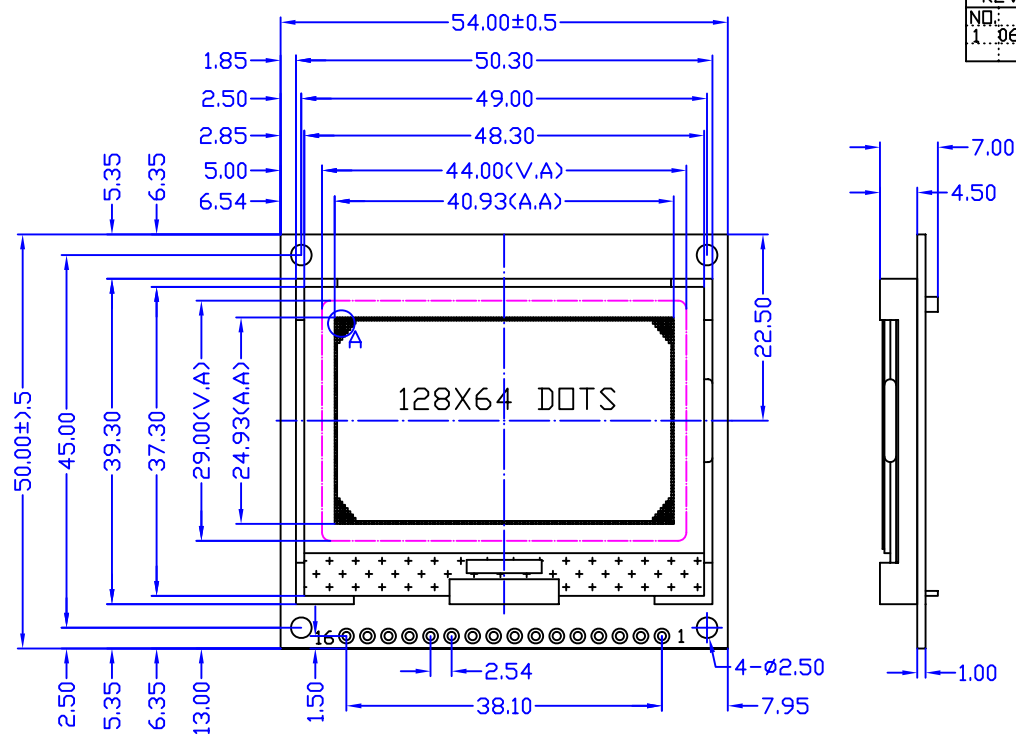


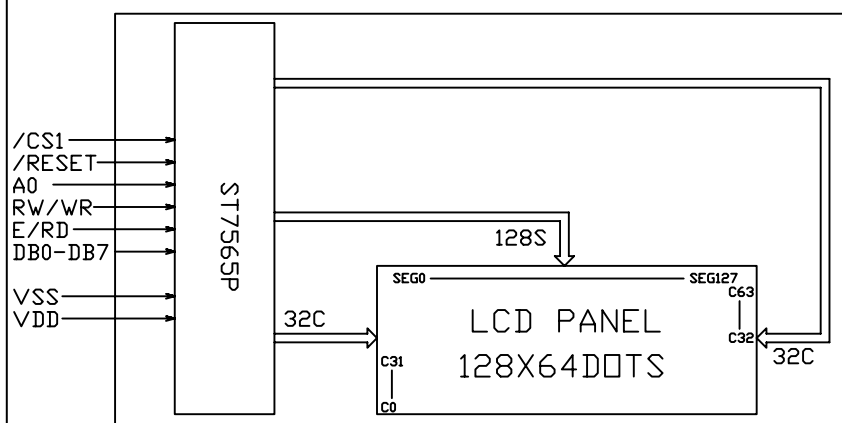
CUSTOMER'S APPROVED:

DATE:

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1.	06/06/18	ZOLEN	NEW RELEASE



Block Diagram



Feature

1. BUILT IN CONTROLLER: ST7565P
2. POWER SUPPLY: 5.0V
3. LCD TYPE: FSTN, TRANSFLECTIVE
4. BACKLIGHT: LED SIDE BACKLIGHT
5. COLOUR OF BACKLIGHT: WHITE
6. 1/64 DUTY CYCLE, 1/9 BIAS
7. VIEWING ANGLE: 6 O'CLOCK
8. TEMPERATURE RANGE: EXTENDED (-20--70)
9. LOW CONSUMPTION, LOW VOLTAGE, HIGH CONTRAST

Mechanical Data

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	54.0W x 50.0H x 7.0T	MM
VIEWING AREA	44.0W x 29.0H	MM
DOT NUMBER	128 x 64	DOTS
DOT SIZE	0.29W x 0.36H	MM
DOT PITCH	0.32W x 0.39H	MM

Pin Assignment

NO.	SYMBOL	DESCRIPTION
1--8	DB0--DB7	DATA BUS
9	VDD	POWER SUPPLY FOR LOGIC AND LCD
10	VSS	GROUND
11	A	LED BACKLIGHT POWER SUPPLY(+)
12	/CS	CHIP SELECT
13	/RST	RESET SIGNAL(LOW EFFECTIVE)
14	D/I	DATA/INSTRUCTION SELECT
15	/WR	WRITE SIGNAL
16	/RD	READ SIGNAL

Absolute Maximum Rating

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY(LCD DRV.)	VDD-V0	0	18.0	V
INPUT VOLTAGE	Vi	Vi	VDD	V

Electrical Characteristics

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	5.0	-	mA
LCD OPERATING VOLTAGE	0C	-	9.2	-	V
	25C	-	9.0	-	V
	40C	-	8.9	-	V
INPUT VOLTAGE	H VIH	0.7VDD	-	VDD	V
	L VIL	0	-	0.3VDD	V

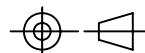
DESCRIPTION: c/D 深圳市卓立恩科技有限公司 TEL: 86-755-33875670 FAX: 86-755-33875671

GENERAL TOL: ±0.2

WWW.ZOLENTECH.COM

Drw wxy

DO NOT SCALE THIS DRAWING.



Unit:mm

Chk

Apv

ZLE12864A-LFSSWE-NAA

ZOLEN