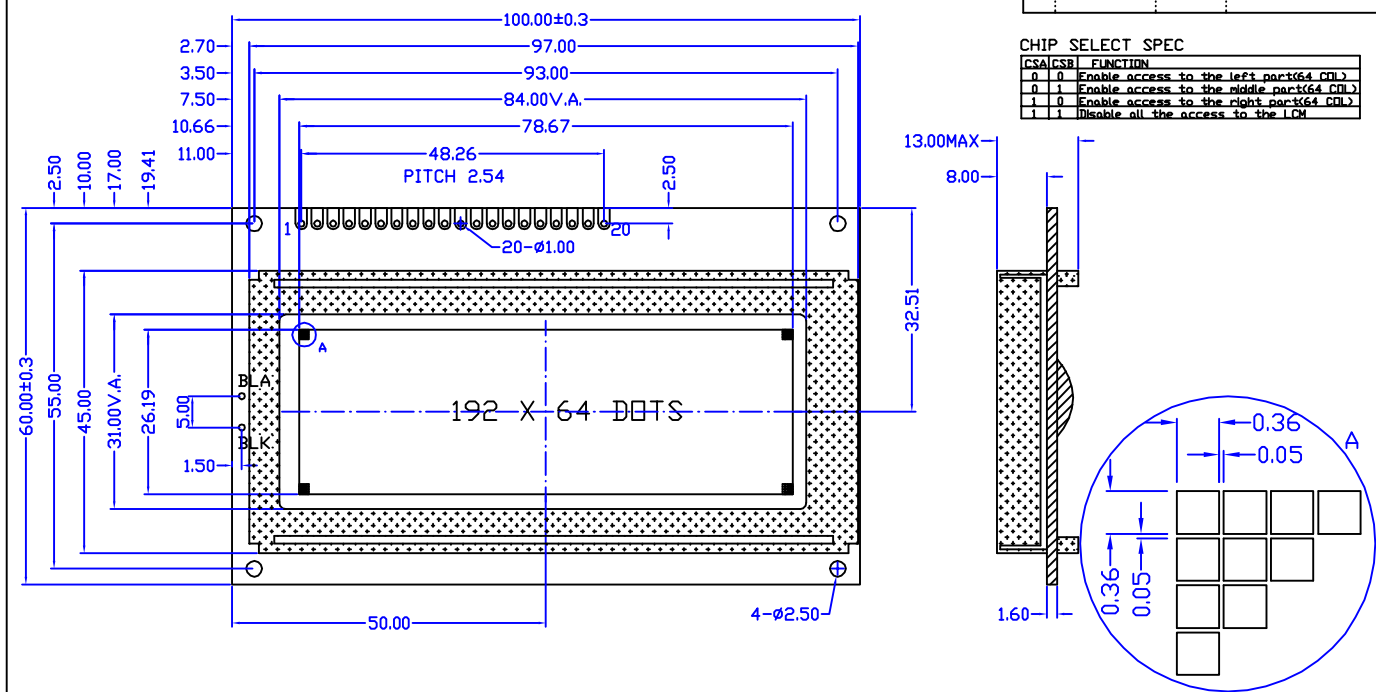


CUSTOMER'S APPROVED:

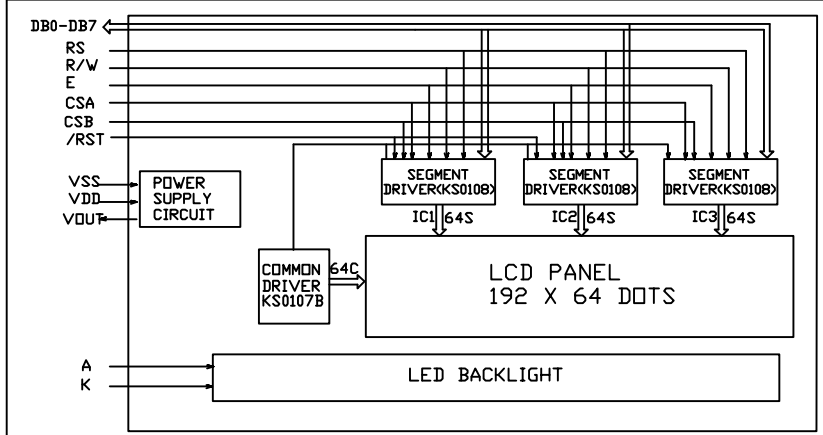
DATE:

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

CHIP SELECT SPEC		
CSA/CSB	FUNCTION	
0 0	Enable access to the left part(64 Dots)	
0 1	Enable access to the middle part(64 Dots)	
1 0	Enable access to the right part(64 Dots)	
1 1	Disable all the access to the LCD	



Block Diagram



Feature

1. BUILT IN CONTROLLER: KS0107B,KS0108B
2. POWER SUPPLY: 5.0V
3. LCD TYPE: BLUE STN, TRANSMISSIVE
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	130.0W x 65.0H x 13.5T	MM
VIEWING AREA	100.0W x 60.0H	MM
DOT NUMBER	192 x 64	DOTS
DOT SIZE	0.36W x 0.36H	MM
DOT PITCH	0.41W x 0.41H	MM

Pin Assignment

NO.	SYMBOL	DESCRIPTION
1--8	DB0--DB7	DATA BUS
9	E	ENABLE SELECT
10	R/W	READ/WRITE SELECT
11	D/I	DATA/INSTRUCTION SELECT
12	V0	OPERATING VOLTAGE FOR LCD
13	VDD	POWER SUPPLY FOR LOGIC AND LCD
14	VSS	GROUND
15	CSB	CHIP SELECT SIGNAL B
16	CSA	CHIP SELECT SIGNAL A
17	VOUT	NEGATIVE VOLTAGE INPUT/OUTPUT
18	/RST	RESET SIGNAL(LOW EFFECTIVE)
19	A	LED BACKLIGHT POWER SUPPLY(+5.0V)
20	K	LED BACKLIGHT POWER SUPPLY(0V)

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	-	12.0	-	mA
LCD OPERATING VOLTAGE	VDD-V0	0C	-	13.5	-
		25C	-	13.0	-
		40C	-	12.5	-
INPUT VOLTAGE	H	VIH	0.7VDD	-	VDD
	L	VIL	0	-	0.3VDD

DESCRIPTION: C/D Distar Technology Limited

GENERAL TOL: ±0.2 www.distarltd.com Drw WXR

DO NOT SCALE THIS DRAWING. Unit:mm Chk Apv

DS-G19264B-BTSSWE-YAA