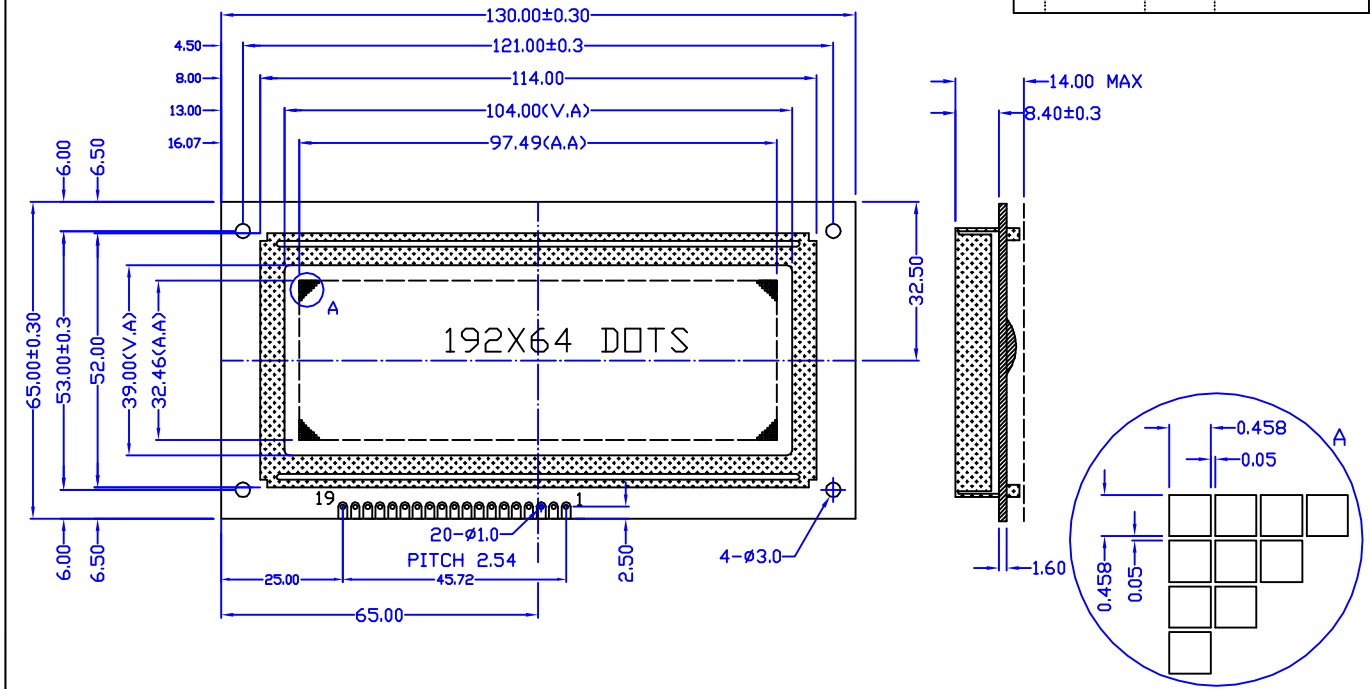


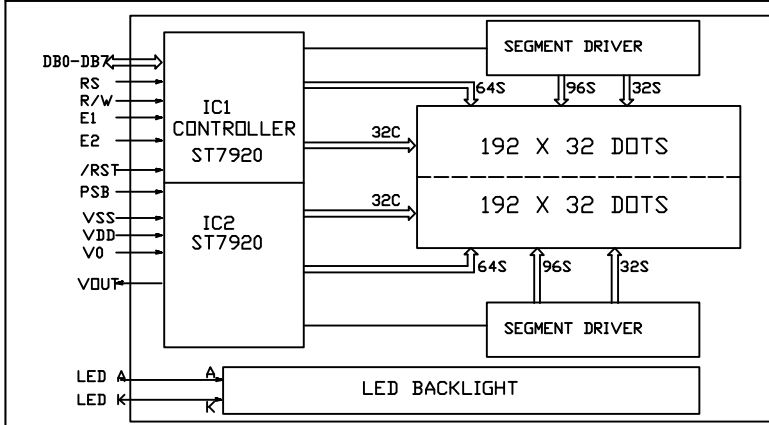
CUSTOMER'S APPROVED:

DATE:

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



Block Diagram



Feature

1. BUILT IN CONTROLLER:ST7920
2. POWER SUPPLY: 5.0V
3. LCD TYPE:BLUE STN,TRANSMISSIVE
4. BACKLIGHT:LED SIDE BACKLIGHT
5. COLOUR OF BACKLIGHT:WHITE
6. 1/32 DUTY CYCLE,1/7 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	104.0W x 39.0H	MM
DOT NUMBER	192 x 64	DOTS
DOT SIZE	0.458W x 0.458H	MM
DOT PITCH	0.508W x 0.508H	MM

Pin Assignment

NO.	SYMBOL	DESCRIPTION
1	VSS	GROUND
2	VDD	POWER SUPPLY FOR LOGIC AND LCD
3	VR	OPERATING VOLTAGE FOR LCD
4	RST	RESET SIGNAL(LOW EFFECTIVE)
5	RS(CS)	H:DATA L:INSTRUCTION CODE
6	R/W(SID)	H:READ L:WRITE
7	E1(SCLK1)	CHIP SELECT OF IC1(UPPER PANEL)
8	E2(SCLK2)	CHIP SELECT OF IC2(LOWER PANEL)
9	PSB	H:PARALLEL MODE L:SERIAL MODE
10--17	DB0--DB7	DATA BUS
18	A	LED BACKLIGHT POWER SUPPLY(+5.0V)
19	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.)	V0-VSS	0	7.0	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	-	5.0	V
		25C	-	4.8	V
		40C	-	4.5	V
INPUT VOLTAGE	H	0.7VDD	-	VDD	V
	L	0	-	0.3VDD	V

DESCRIPTION: c/d

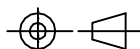
Distar Technology Limited

GENERAL TOL: ±0.2

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Drw wxr

DO NOT SCALE THIS DRAWING



Unit:mm

Chk
Apv

DS-G19264F-BTSSWE-NAA