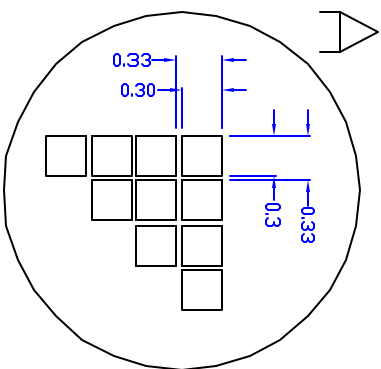
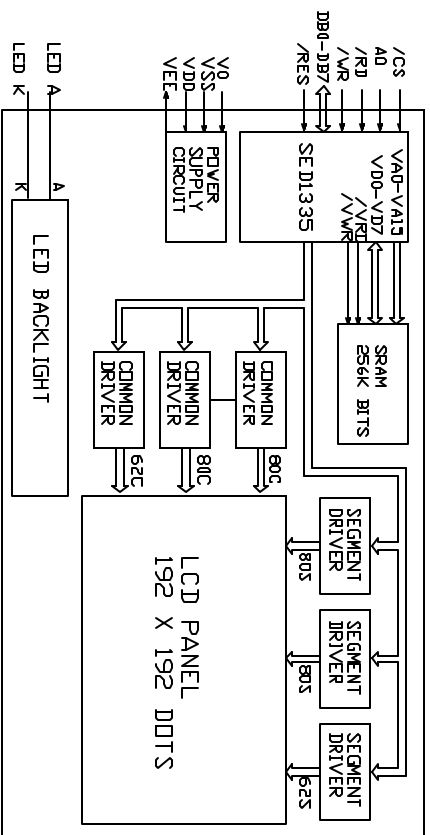




NO.	DATE	BY	DESCRIPTION
1	01/06/18	A.CH	NEW RELEASE

PINS ASSIGNMENT

PINS ASSIGNMENT		
NO.	SYMBOL	DEFINITION
1	VSS	POWER SUPPLY (GND)
2	VDD	POWER SUPPLY (+5V)
3	V0	CONTRAST ADJUST
4	/MR	WRITE SIGNAL: LOW EFFECTIVE
5	/RD	READ SIGNAL: LOW EFFECTIVE
6	/CS	CHIP SELECTION LOW EFFECTIVE
7	/AO	REGISTER SELECTION
8	/RES	RESET SIGNAL: LOW EFFECTIVE
9-16	DB0--DB7	DATA BUS
17	V _{EE}	NEGATIVE VOLTAGE INPUT/OUTPUT
18	NC	NO CONNECT
19	LED+	POWER SUPPLY FOR LED BACKLIGHT(+)
20	LED-	POWER SUPPLY FOR LED BACKLIGHT(-)

ABSOLUTE MAXIMUM RATING

ABSOLUTE MAXIMUM RATING			
ITEM	SYMBOL	MIN	MAX
POWER SUPPLY VOLTAGE	VDD-VSS	0	6.5 V
POWER SUPPLY CURRENT (DRV.)	VDD-V0	0	180 V
INPUT VOLTAGE	VI	V0	VDD

ELECTRICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS					
ITEM	SYMBOL	MIN	TYPE	MAX	UNIT
VOLTAGE FOR LOGIC SUPPLY CURRENT	VDD-VSS	4.75	5.0	5.25	V
LCD OPERATING VOLTAGE	OC	-	1.90	-	V
	2SC	-	1.80	-	V
	40C	-	1.75	-	V
	VH	0.7VDD	-	VDD	V
INPUT VOLTAGE	VIL	0	1.3VDD	V	

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	UNIT
OVERALL SIZE	86.0W x 95.0H x 9.0T	MM
WEAVING AREA	67.4W x 67.4H	MM
DOT NUMBER	192 x 192	DOTS
DOT SIZE	0.30W x 0.30H	MM
DOT PITCH	0.33W x 0.33H	MM

OPTIONS

1. LED TYPE:W/ FSTN,POSITIVE
2. BACKLIGHT: SIDE LED BACKLIGHT
3. COLOR OF BACKLIGHT: Y/G
4. TEMPERATURE RANGE: NORMAL(0--50C)
5. POWER SUPPLY: ON BOARD DC/DC(SINGLE 5.0V)
- VIEWING ANGLE: 64°

NT-G1921921A

192X192 DOTS GRAPHIC LCM



ALL DIMENSIONS ARE IN MM. TOLERANCE IS ± 0.2 UNLESS OTHERWISE NOTED.