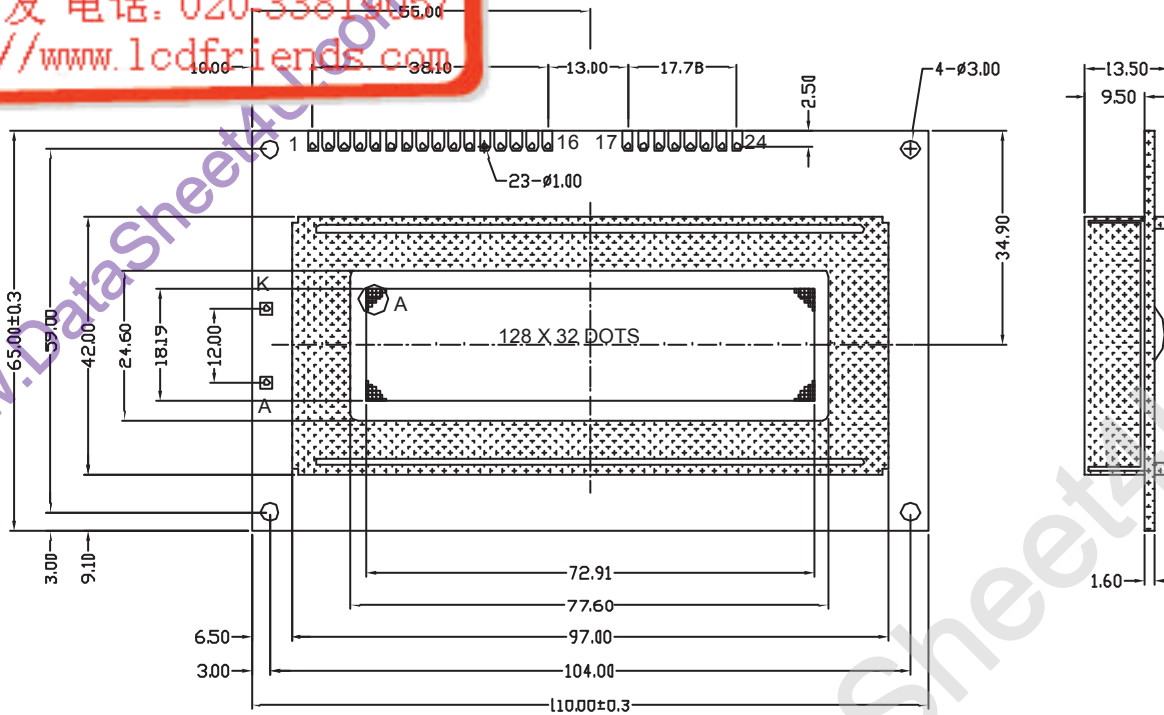


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REVISIONS

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

PINS ASSIGNMENT		
NO.	SYMBOL	DESCRIPTION
1	LED +	POWER SUPPLY FOR LED BACKLIGHT (+)
2	LED -	POWER SUPPLY FOR LED BACKLIGHT (-)
3	VSS	POWER SUPPLY
4	VDD	POWER SUPPLY
5	V0	CONTRAST ADJUST
6	RS	DATA/INSTRUCTION SELECT(CHIP SELECTION)
7	R/W	READ/WRITE CONTROL(SERIAL DATA INPUT/OUTPUT)
8	E	ENABLE SIGNAL(SERIAL CLOCK SIGNAL)
9-16	DB0-DB7	DATA BUS IN PARALLEL INTERFACE
17	LED +	POWER SUPPLY FOR LED BACKLIGHT (+)
18	LED -	POWER SUPPLY FOR LED BACKLIGHT (-)
19	VSS	POWER SUPPLY
20	VDD	POWER SUPPLY
21	V0	CONTRAST ADJUST
22	CS	CHIP SELECTION FOR SERIAL MODE
23	SID	SERIAL DATA INPUT
24	SCLK	SERIAL CLOCK INPUT

ABSOLUTE MAXIMUM RATING				
ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	-0.3	7.0	V
POWER SUPPLY(LCD DRV.)	VDD-V0	-0.3	13.5	V
INPUT VOLTAGE	V _i	-0.3	VDD	V

ELECTRICAL CHARACTERISTICS (VDD=5.0±0.25V, 25°C)						
ITEM	SYMBOL	MIN	TYP	MAX	UNIT	
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V	
SUPPLY CURRENT	I _{DD}	-	1.3	2.2	mA	
INPUT VOLTAGE	H	V _{iH}	2.2	-	VDD	V
	L	V _{iL}	-0.3	-	0.6	V
OUTPUT VOLTAGE	H	V _{oH}	2.4	-	-	V
	L	V _{oL}	-	-	0.4	V

MECHANICAL SPECIFICATIONS		
ITEM	SPECIFICATION	UNIT
OVERALL SIZE	110.0W x 65.0H x 13.5T	MM
VIEWING AREA	77.6W x 24.6H	MM
DOT NUMBER	128W X 32H	
DOT SIZE	0.52W X 0.52H	MM
DOT PITCH	0.57W x 0.57H	MM

OPTIONS
1. LCD TYPE: Y/G STN; GRAY STN;
2. BACKLIGHT: WITHOUT BACKLIGHT; LED; EL
3. COLOR OF BACKLIGHT: Y/G; BLUE; WHITE
4. TEMPERATURE RANGE: NORMAL(0-50°C) EXTENDED(-20-70°C)
5. POWER SUPPLY: 5.0V; 3.0V
6. VIEWING ANGLE: 6H; 12H
7. CHARACTER TABLE: MADARIN(SIMPLE) CHINESE

