

16032AZK

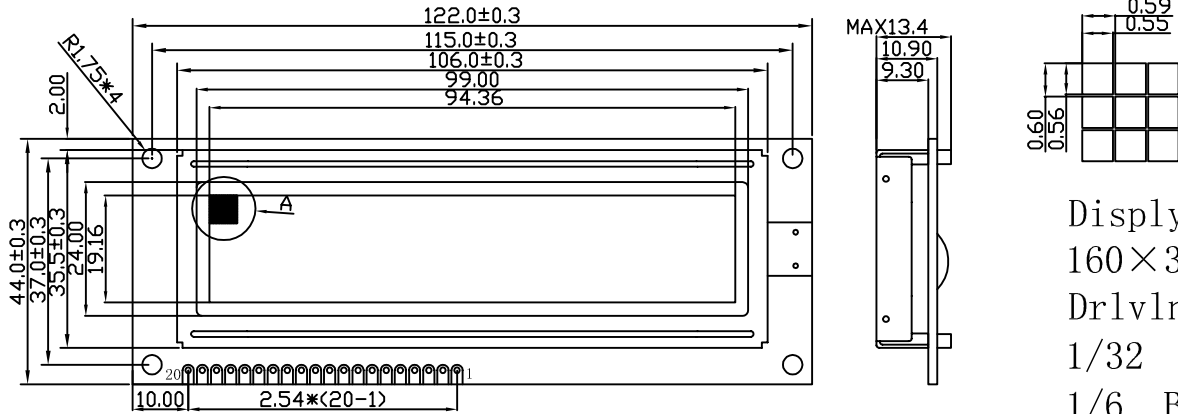
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① PHYSICAL DIMENSION/外型尺寸



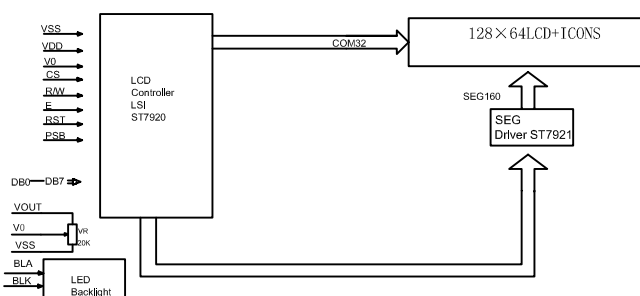
Display Format
160×32DOTS
Drivng Merhod
1/32 Duty
1/6 Bais

② FEATURES/特征

Feature(特征)	UNIT(单位)
LCD type & Colour(类型及颜色)	STN Yellow-green ;STN Blue
Vlew Angle(视角)	6 0' clock
Operatng temperature(工作温度)	-20℃ ---- 70℃
Storage Temperature(贮存温度)	-30℃ ---- 80℃
Control IC & Package(控制芯片及封装)	ST7920 , COB
Weight(重量)	60 (With B/L) g
Backlight(背光类型)	LED

		Ta=25℃			UNIT(单位)
		MIN(最小)	TYP(典型)	MAX(最大)	
Supply current don't contain backlight(无背光时电流)		0	12.0		mA
VDD(电源)		-0.3	5.0	5.5	V
VLCD-V0(LCD驱动电压)		0	6.8		V
Backlight LED (背光电压,电流)	側背光	0	5.0	5.0	V
		0	75		mA
	底背光	0	5.0	5.5	V
		0	180		mA

④ BLOCK DIAGRAM/原理电路



③ PIN CONFIGURATION/管脚说明

PIN	SYMBOL	DESCRIPTION(定义描述)
1	VSS	Power ground (地)
2	VDD	Power positive (逻辑电压)
3	V0	Operating voltage for LCD Driver (对比度调节)
4	RS	H: Data (数据) L: Instruction (指令)
5	RW	H: Read data(读数据) L: Write data(写数据)
6	E	Enable single (使能, 下降沿有效)
7	DB0	Data bus [0~7]. There state I/O common terminal. (数据线0-7)
14		
15	PSB	H: Parallel (并口接口) L: Serial (串口接口)
16	NC	No connection (空脚)
17	RST	Reset Signal active-low (复位, 低电平有效)
18	VOUT	Negative voltage output (负压输出)
19	BLA	Power supply for backlight(+) (背光正极)
20	BLK	Power supply for backlight(-) (背光负极)

⑤ ELUCIDATION/补充备注

1, contain the controller cent simplified Chinese character of the Chinese word database and traditional Chinese character [1, 含中文字库控制器分简体中文和繁体中文]