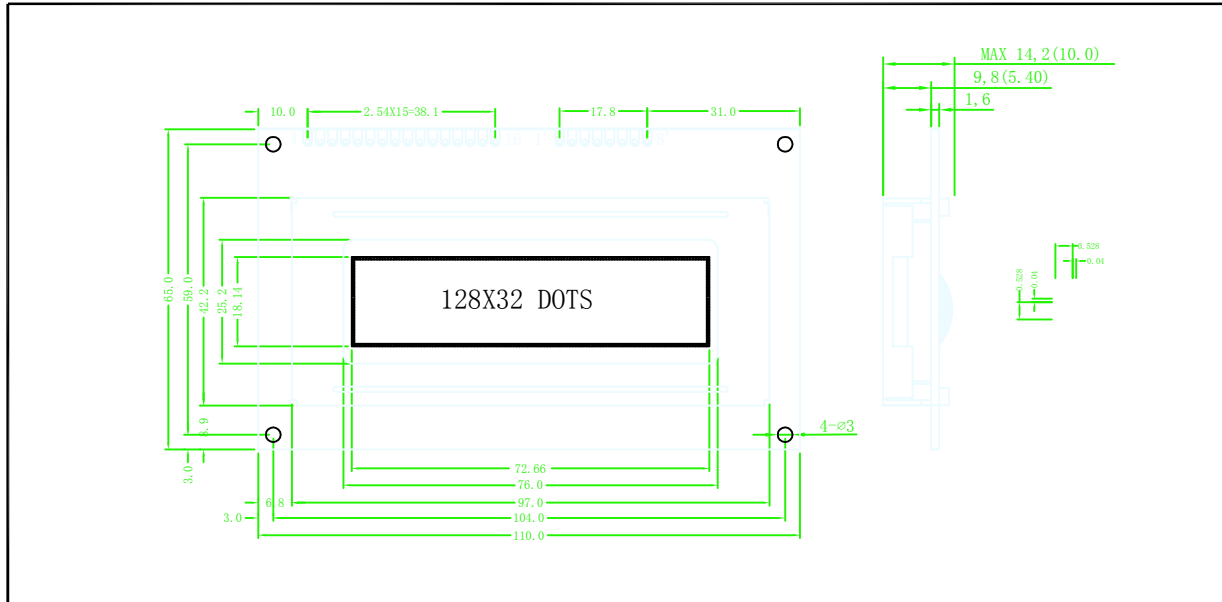
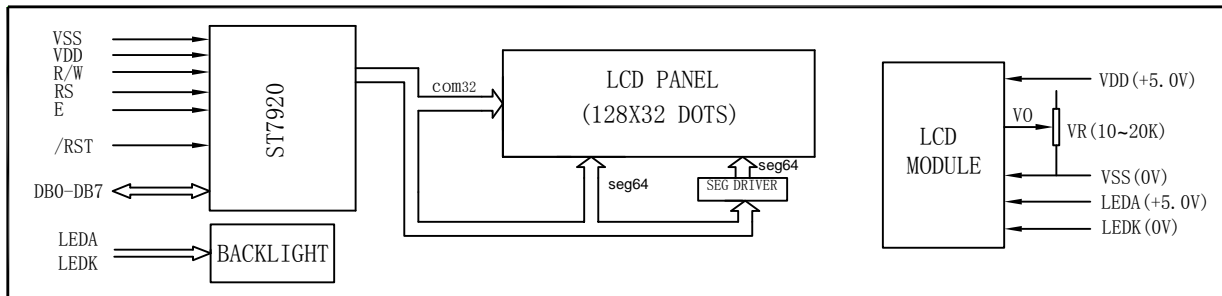


# ZX12832C

# 中显液晶



## BLOCK DIAGRAM & POWER SUPPLY



## MECHANICAL SPECIFICATIONS & FEATURE

LTEM		NORMAL DIMENSIONS (MM)	FEATURE	
MODULE SIZE (W*H*T)		110.0 X 65.0 X 14.2	LCD TYPE	STN FSTN
VIEW AREA (W*H)		75.9 X 25.2	LCD COLOUR	STN:BLUE, GRAY FSTN:GRAY
DOTSXDOTS (W*H)		128 X 32	VIEW ANGLE	6 O' CLOCK, 12 O' CLOCK
DOT PITCH (W*H)		0.568 X 0.568	DISPLAY TYPE	POSITIVE TYPE, NEGATIVE TYPE
DOT SIZE (W*H)		0.528 X 0.528	REAR POLARIZER	TRANSMISSIVE, REFLECTIVE, TRANSECTIVE
---		---	OPERATING TEMPERATURE	-10°C ~ 60°C -20°C ~ 70°C
---		---	BACKLIGHT	LED: WHITE EL: GREEN, BLUE-GREEN, BLUE WITHOUT

## ELECTRICAL CHARACTERISTICS

LTEM	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	VDD	Ta=25°C	---	5.0	---	V
OPERATING VOLTAGE FOR LCD	VLCD	Ta=25°C	---	5.0	---	V
SUPPLY CURRENT	IDD	Ta=25°C, VDD=5.0V	---	2.0	3.0	MA
SUPPLY CURRENT FOR BACKLIGHT	IF	Ta=25°C, VF=4.2V	---	160	---	MA

## INTERFACE PIN CONNECTIONS

PIN NO	SYMBOL	LEVEL	DESCRIPTION	PIN NO	SYMBOL	LEVEL	DESCRIPTION
1	NC			1'	NC		
2	LEDA	---	背光源正极	2'	LEDA	---	背光源正极
3	VSS	---	模块的电源地	3'	VSS	---	模块的电源地
4	VDD	---	模块的电源正端	4'	VDD	---	模块的电源正端
5	V0	---	LCD驱动电压输入端	5'	V0	---	LCD驱动电压输入端
6	RS	H/L	并行指令/数据的选择信号;串行的片选信号	6'	/CS	H/L	串行的片选信号
7	R/W	H/L	并行读写的选择信号;串行的数据口	7'	SID	H/L	串行的数据口
8	E	H/L	并行的使能信号;串行的同步时钟	8'	SCLK	H/L	串行的同步时钟
9-16	DB0-DB7	H/L	数据				