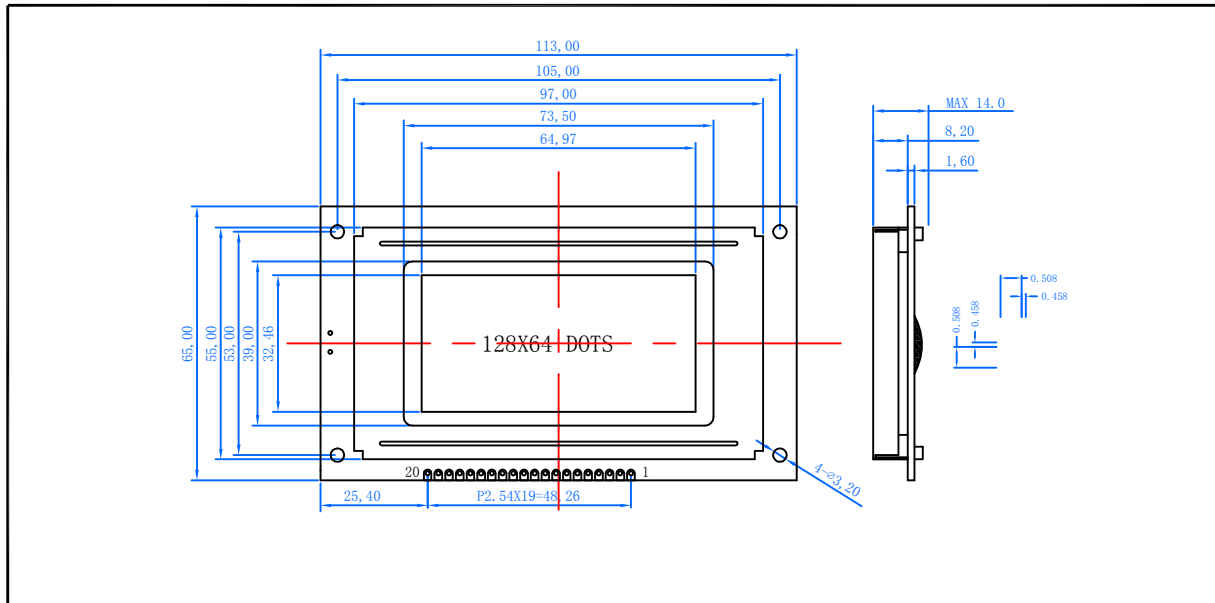
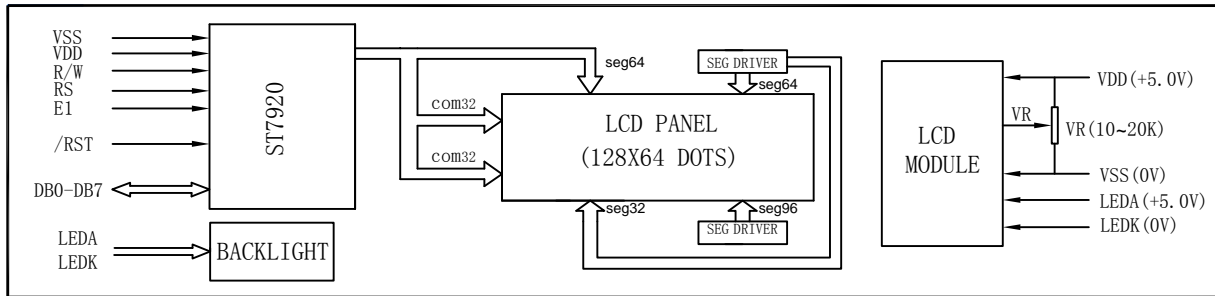


ZX12864A-2



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

LTEM	NORMAL DIMENSIONS (MM)	FEATURE	
MODULE SIZE (W*H*T)	113.0 X 65.0 X 13.0	LCD TYPE	STN FSTN
VIEW AREA (W*H)	73.5 X 39.0	LCD COLOUR	STN:BLUE, GRAY FSTN:GRAY
DOTSXDOTS (W*H)	128 X 64	VIEW ANGLE	6 0' CLOCK, 12 0' CLOCK
DOT PITCH (W*H)	0.508 X 0.508	DISPLAY TYPE	POSITIVE TYPE, NEGATIVE TYPE
DOT SIZE (W*H)	0.458 X 0.458	REAR POLARIZER	TRANSMISSIVE, REFLECTIVE, TRANSFLECTIVE
---	---	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	---	10.5	---	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	---	180	---	MA

INTERFACE PIN CONNECTIONS

PIN NO	SYMBOL	LEVEL	DESCRIPTION
1	LEDK	---	背光源负极
2	LEDA	---	背光源正极
3	VSS	---	模块的电源地
4	VDD	---	模块的电源正端
5	NC		
6	RS	H/L	并行指令/数据的选择信号;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
8	E	H/L	并行的使能信号;串行的同步时钟
9-16	DB0-DB7	H/L	数据
17	PSB	H/L	并/串行接口选择: H:并口;L:串口
18	/RST	L	复位:低电平有效
19	VR	---	LCD驱动电压输入端
20	V0	---	内部电压输出 (VDD=3.3V时)