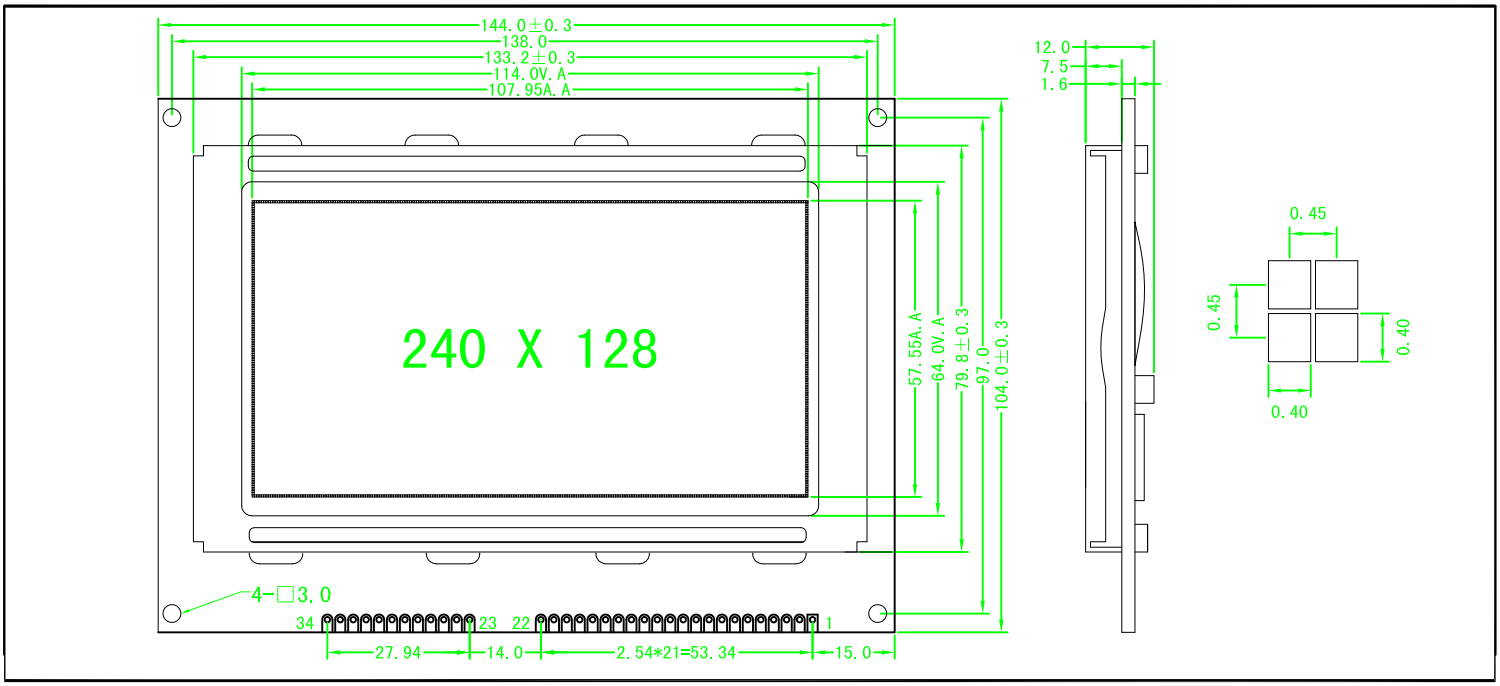
SHENZHEN YEXINDA INDUSTRY CO.,LTD
深圳市烨新达实业有限公司

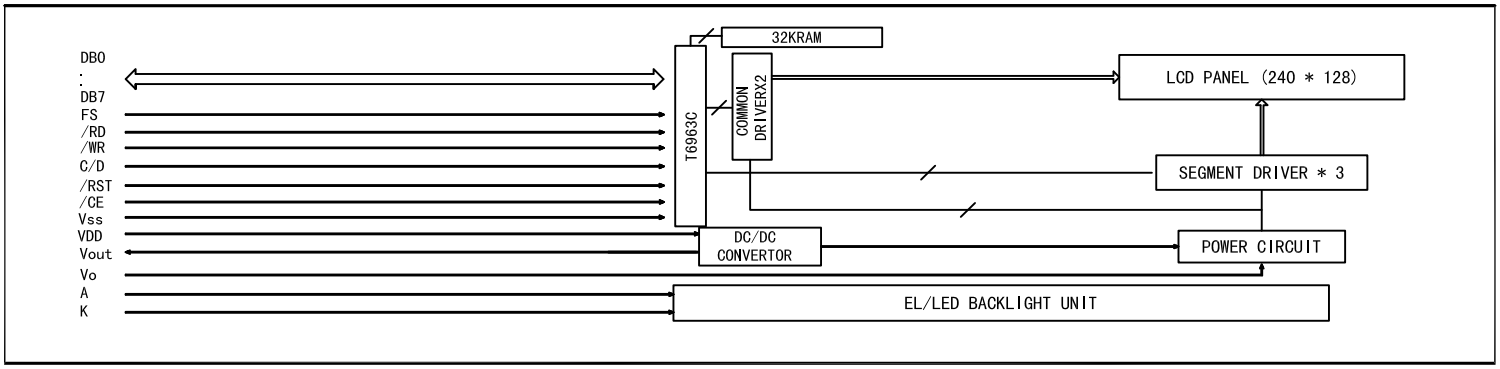
YXD-240128C3

240 x 128 GRAPHIC
1/128DUTY, 1/12.3BIAS

1.0 DIMENSIONAL DRAWING



2.0 BLOCK DIAGRAM & POWER SUPPLY



3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal Dimensions (mm)	Feature	
		LCD Type	STN
Module Size (W*H*T)	144.0×104.0×12.0	LCD Colure	Yellow-green
View Area (W*H)	114.0 × 64.0	View Angle	6 0'clock
Dot × Dot (W*H)	240 × 128	Display Type	Positive Type
Dot Pitch (W*H)	0.45 × 0.45	Rear Polarizer	Transflective
Dot Size (W*H)	0.40 × 0.40	Operating Temperature	-10° C to +55° C
——	——	Storage Temperature	-20° C to +70° C
——	——	Backlight	LED (Yellow-green)

4.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25° C	3.0	——	5.5	V
Operating Voltage For LCD	Vlcd	Ta=25° C	——	19.6	——	V
Supply Current	Idd	Ta=25° C, Vdd=3.0V	——	——	——	mA
Supply Current For Backlight	If	Ta=25° C, VAK=3.0V	——	135	——	mA

5.0 INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1	FG		LCM Frame Ground
2	VSS	0V	LCM Power Supply Negative Input Terminal
3	VDD	5.0V	LCM Power Supply Positive Input Terminal
4	VO	——	LCM Power Supply Negative Input Terminal
5	/WR	L	LCM Write Signal Input Terminal
6	/RD	L	LCM Read Signal Input Terminal
7	/CE	L	LCM Selection Signal Input Terminal
8	C/D	H/L	LCM Command/data Signal Input Terminal
9	NC		NOT Connected
10	/RST	H→L, H	LCM Reset Signal Input Terminal
11-18	DB0-DB7	Tri-state	LCM Parallel data Input Terminal
19	FS	H/L	LCM Font Selection Input Terminal
20	VOUT	——	LCM Negative Power Supply Input Terminal
21	A	5.0V	LED Backlight Power Supply Positive Input Terminal
22	K	0V	LED Backlight Power Supply Negative Input Terminal