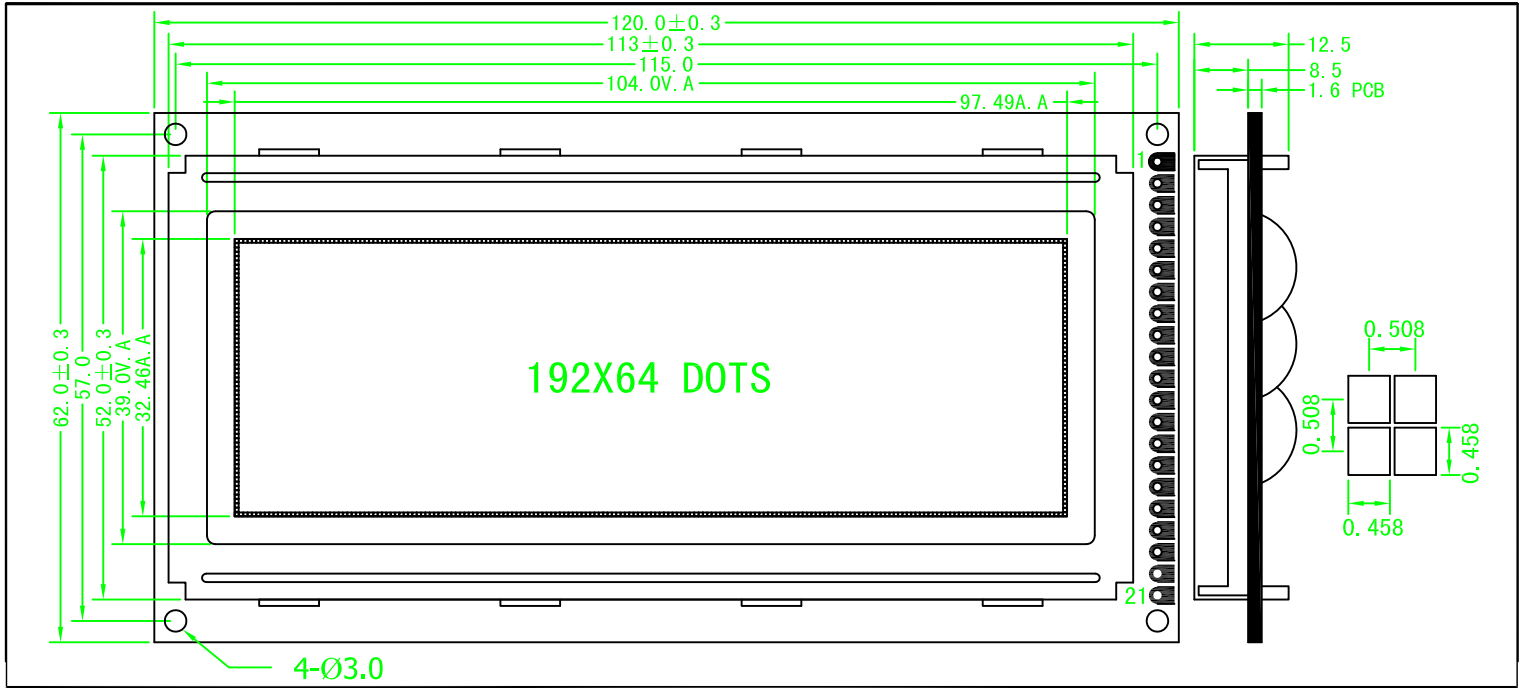
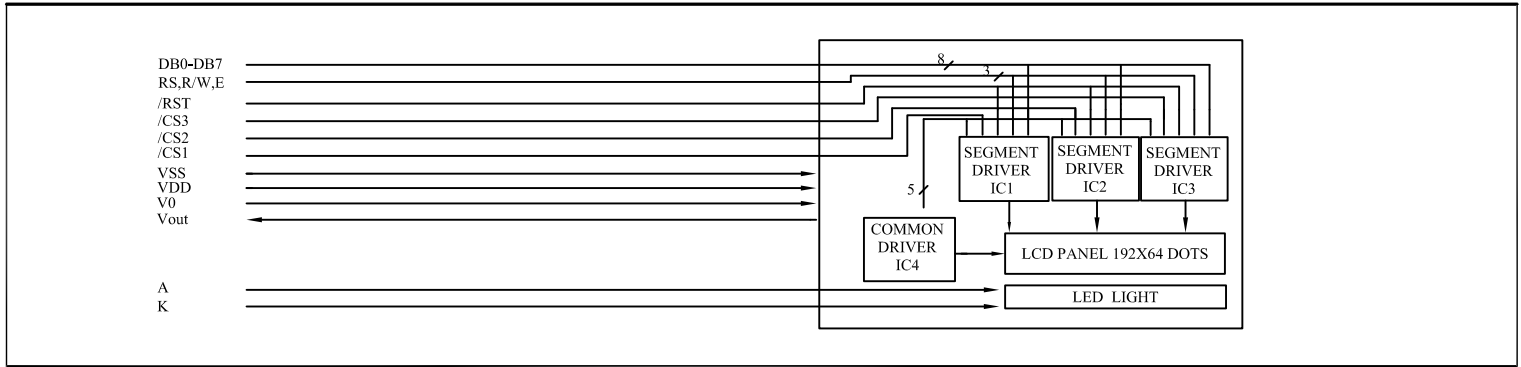




1.0 DIMENSIONAL DRAWING



2.0 BLOCK DIAGRAM & POWER SUPPLY



3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal Dimensions (mm)	Feature	
		LCD Type	STN
Module Size (W*H*T)	120.0×62.0×12.5	LCD Colure	Yellow-green
View Area (W*H)	104.0 × 39.0	View Angle	6 O'clock
Dot × Dot (W*H)	192 × 64	Display Type	Positive Type
Dot Pitch (W*H)	0.508 × 0.508	Rear Polarizer	Transmissive
Dot Size (W*H)	0.458 × 0.458	Operating Temperature	-20° C to +65° C
---	---	Storage Temperature	-30° C to +75° C
---	---	Backlight	LED (green)

4.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Min.	Unit
Operating Voltage	V _{dd}	T _a =25° C	---	3.0	---	V
Operating Voltage For LCD	V _{lcd}	T _a =25° C	---	9.0	---	V
Supply Current	I _{dd}	T _a =25° C, V _{dd} =3.0V	---	15	---	μA
Supply Current For Backlight	I _f	T _a =25° C, V _{AK} =3.0V	---	45	---	mA

5.0 INTERFACE PIN CONNECTIONS

PART A Pin No.	Symbol	Level	Description
1	VSS	0V	LCM Power Supply Negative Input Terminal
2	VDD	5.0V	LCM Power Supply Positive Input Terminal
3	V0	-7.0V	LCD Driving Voltage Input Terminal
4	VOU	-9.5V	LCM Negative Power Supply Output Terminal
5	RS	H/L	LCM Data/command Signal Input Terminal
6	R/W	H/L	LCM Read/write Signal Input Terminal
7	E	H, L, F	LCM Enable Signal Input Terminal
8-15	DB0-DB7	Tri-state	LCM Parallel Data Input Terminal
16	/CS1	L	Left-half Panel Of LCM Selection Signal Input Terminal
17	/CS2	L	Middle-half Panel Of LCM Selection Signal Input Terminal
18	/CS3	L	Right-half Panel Of LCM Selection Signal Input Terminal
19	/RST	H→L, H	LCM Reset Signal Input Terminal
20	A	4.0V	LED Backlight Power Supply Positive Input Terminal
21	K	0V	LED Backlight Power Supply Negative Input Terminal