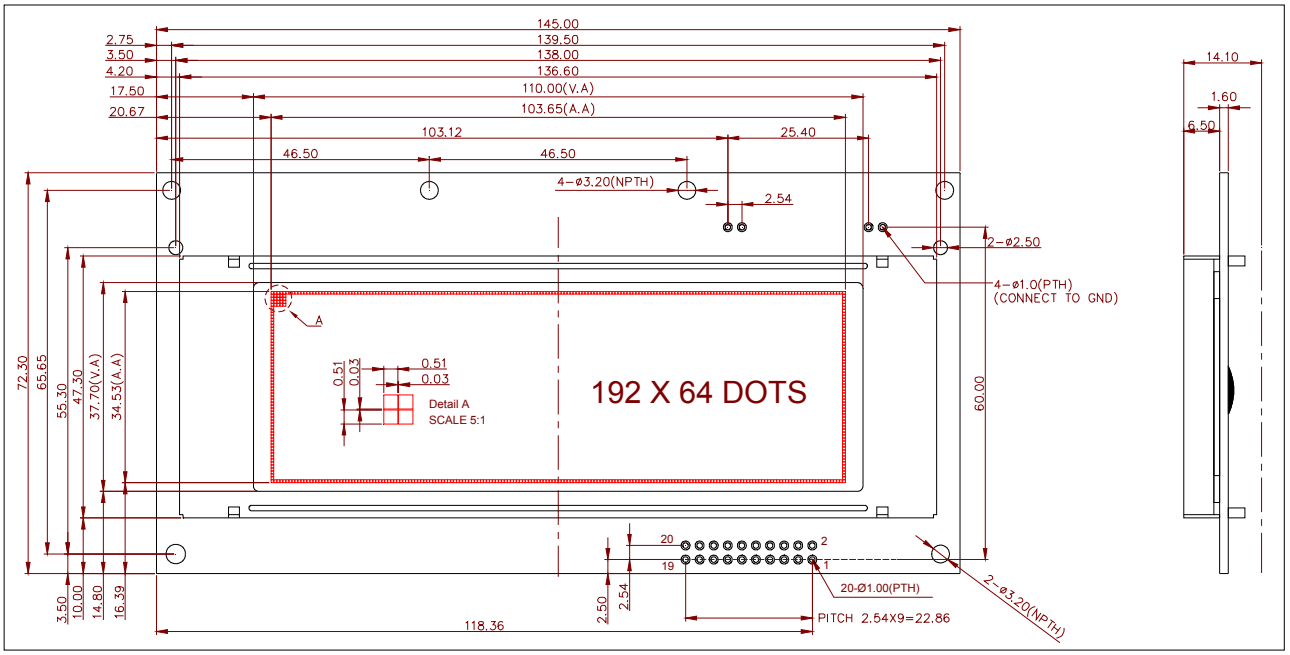
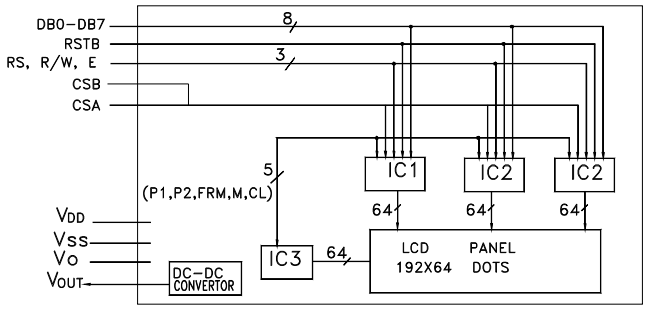
1, OUTLINE DRAWING



2, BLOCK DIAGRAM



3, DISPLAY CHARACTERISTICS

LCD Display mode	STN-Transmissive-Negative-blue
Driving method	1/64duty, 1/9 bias
Backlight	LED

4, ELECTRICAL CHARACTERISTICS

Item	Symbol	Min.	Typ.	Max.
Logic Power Supply Voltage(V)	VDD		5.0	
Input Voltage(V)	Vih	0.7VDD		VDD
Output Voltage(V)	Vil	0		0.6
LCD Driving Voltage(V)	Vlcd		13.2	

5, TERMINAL FUNCTIONS

Pin	Name	Level	Functions
1	GND	0V	Power supply(GND)
2	VDD	5.0V	Power supply
3	VO	—	Contrast Adjust
4	RS	H/L	H: Display data L: Instruction code
5	R/W	H/L	H: Data/status read L: Data/instruction write
6	E	H, H/L	Chip enable signal
7~14	DB0-DB7	H/L	Data bus line
15	CSA	H/L	CSA=L,CSB=L: Left CSA=L,CSB=H: Middle CSA=H,CSB=L: Right
16	CSB	H/L	
17	/RES	L	Reset Signal
18	Vout	-	Negative Voltage Output
19	LED+	-	Power Supply for Backlight
20	LED-	-	Power Supply for Backlight

6, BACKLIGHT CHARACTERISTICS

Item	Symbol	Min.	Typ.	Max.	Condition
Forward Current (mA)	If		300		Vf= 5.0 V
Luminous (cd/m^2)	IV		96		
Color			White		