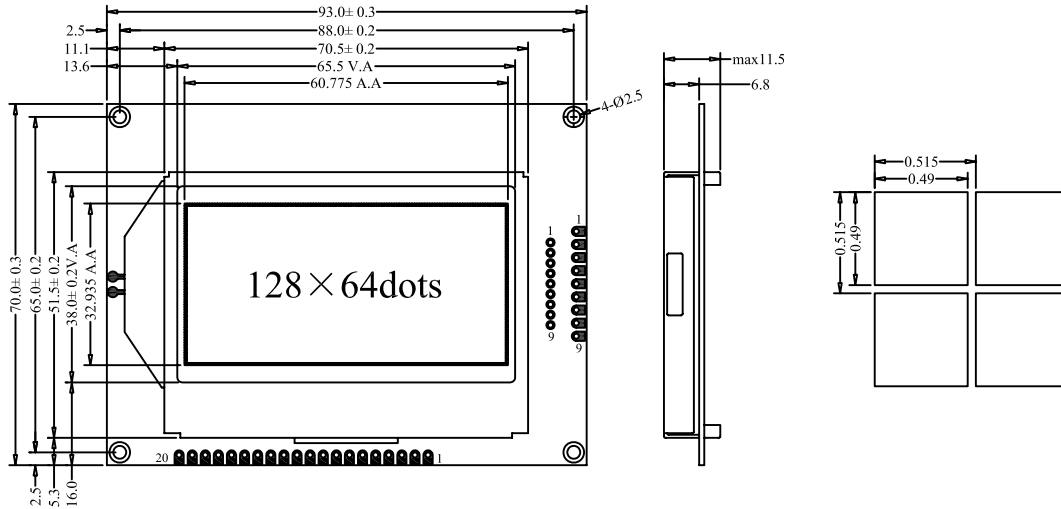


1.DIMENSION OUTLINE



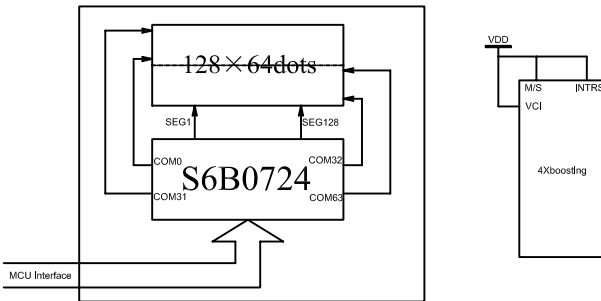
2.MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	ITEM	REMARK
Module Size(L×W×H)	93.0×70.0×11.5	mm	Reference Dimensional Outline
View Area(W×H)	65.5×38.0	mm	
Effective V/Area(W×H)	60.775×32.935	mm	
Number of Dots	128×64	—	
Dot Pitch(W×H)	0.515×0.515	mm	
Dot Size(W×H)	0.49×0.49	mm	
Weigh(Reflective/LED)	—	g	

3.ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	CONDITION	STANDARD	
			MIN	MAX
Logic Voltage	V _{DD}	Ta=25°C	-0.3V	V _{DD} +0.3V
LCD Voltage	V _{LCD}		-0.3V	8.7V
Input Voltage	V _I		-0.3V	V _{DD} +0.3V
Operation Temperature	T _{OP}	—	0°C	50°C
Storage Temperature	V _{OP}	—	-10°C	60°C

4.BLOCK DIAGRAMMECHANICAL



5.LED BACKLIGHT SPECIFICATIONS

ITEM	SYMBOL	TYPE	MAX	UNIT
Ta=25°C				
Forward Voltage	V _f	3.3	—	V
Forward Current	I _f	—	15	mA
Emission Wave Length	λ _P	520	—	nm

6.INTERFACE PIN CONNECTIONS

ITEM	SYMBOL	LEVEL	FUNCTIONS	
			PARALLEL	SERIAL
1	VSS	0V	Power Ground	
2	VDD	+3.3V	Power Supply For Logic	
3	V0	—	LCD drive Voltage(TEST)	
4	RS	H/L	H:data L:command	
5	WR	H/L	Write Signal	No Connection
6	RD	H/L	Read Signal	No Connection
7	DB7	H/L	Data Bus	Serial data input
8	DB6	H/L		Serial clock input
9-14	DB5-DB0	H/L		No Connection
15	CS	H/L	Chip Selection Signal	
16	NC	—	No Connection	
17	RST	H/L	Reset Signal	
18	VEE	—	Voltage Output For LCD(TEST)	
19	A	3.3V	Power supply For LED Backlight	
20	K	0V		

7.ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	MIN	TYPE	MAX	UNIT
Ta=25°C					
Logic Power	V _{DD}	—	3.3	—	V
Input High Voltage	V _{IH}	2	—	V _{DD}	V
Input Low Voltage	V _{IL}	0	—	0.8	V
Output High Voltage	V _{OH}	2.4	—	V _{DD}	V
Output Low Voltage	V _{OL}	0	—	0.4	V
Logic Current	I _{DD}	—	—	7	mA
Operation Voltage For LCD	V _{DD-V0}	—	8.7	—	V