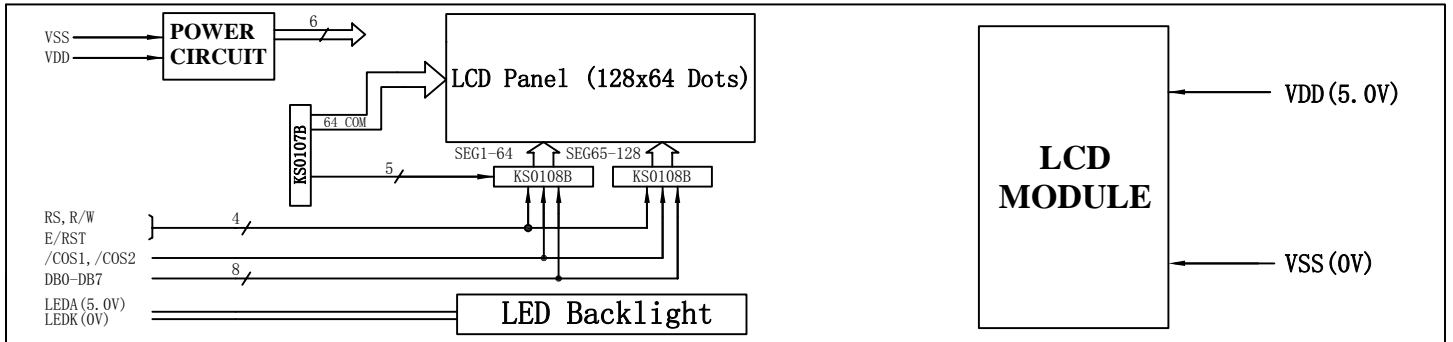


BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATONS & FEATURE

item	Normal Dimensions(mm)	Feature	
Module Size(W*H*T)	84.0x81.0x8.5MAX	LCD Type	STN
View Area(W*H)	59.6x32.2	LCD Colour	Blue
DotsxDots(W*H)	128x64	View Angle	6 O'clock
Dot Pitch(W*H)	0.43x0.43	Display Type	Negative Type
Dot Size(W*H)	0.40x0.40	Rear Polarizer	Transmissive
---	---	Operating Temperature	0°C ~ +50°C
---	---	Backlight	LED: White

ELECTRICAL CHARACTERISTICS

item	Symbol	Test Condition	Min.	Type.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	5.0V	---	V
Operating Voltage for LCD	Vlcd	Ta=25°C	---	13.0V	---	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	3.0	4.0	mA
Supply Current for Backlight	If	Ta=25°C, Vf=4.1V	---	150	---	mA

INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1~4	---	---	---
5	VDD	H	Power supply for Logic
6	VSS	L	Ground for Logic
7~12	---	---	---
13~20	DB0-DB7	H/L	Data Bus Lines
21	/CS2	*H/L(option:HL)	Chip Select Signal for Right Half of the panel
22	/CS1	*H/L(option:HL)	Chip Select Signal for Left Half of the panel
23	E	H/L→L	Enable signal for LCM
24	R/W	H/L	Read/write selection (H:Read,L:Write)
25	RS	H/L	Register selection (H:Data register,L:Instruction register)
26~29	---	---	---

REMARK

1.Negative type LCD colour : Bule 2.File Version: 02