



GENERAL INFORMATION		
Item	Contents	Unit
Dot Number	128×128	---
Outline Dimension(W×H×T)	85×100×14	mm
Viewing Area(W×H)	62×62	mm
Active Area(W×H)	55×55	mm
Dot Pitch(W×H)	0.43×0.43	mm
Dot Size(W×H)	0.39×0.39	mm
LCD Type	STN,Negative,Transmissive,Blue	---
Viewing Direction	6:00	O'CLOCK
VDD	5.0	V
Duty	1/64	---
Bias	1/9	---
Operating Temperature range	-20-70	°C
Storage Temperature range	-30-80	°C
Driver IC	SBN6400G,SBN0064G	---
Interface	MCU 8Bit	---

INTERFACE DESCRIPTION		
No.	SYMBOL	Description
1	VSS	System ground
2	VDD	Power supply for interface logic circuits
3	V0	Power supply for LCD
4	RS	Display data/command Selection Pin in MCU Interface.
5	R/W	Write/Read signal L:Write H:Read
6	E	Data input enable. Display access is enabled when E is "H".
7	/RST	This signal will reset the device and must be applied to properly initialize the chip. Signal is active low.
8-15	DB0-DB7	Data bus.
16-19	CS1-CS4	Chip selection IC1-IC4
20	VEE	LCD negative voltage supply
21	LED+	LED power anode.
22	LED-	LED power cathode.

ELECTRICAL CHARACTERISTICS					
Item	Symbol	Min	Typ.	Max	Unit
Supply Voltage(Logic)	VDD	--	5.0	--	V
Supply Voltage(LCD)	VLCD	--	13.0	--	V
Input High Voltage	V _{IH}	VDD-0.2	--	VDD	V
Input Low Voltage	V _{IL}	0	--	0.8	V
Output High Voltage	V _{OH}	VDD-0.3	--	VDD	V
Output Low Voltage	V _{OL}	0	--	0.3	V

BACKLIGHT DRIVING CONDITION					
Item	Symbol	Min	Typ.	Max	Unit
Forward current	I _f	--	--	80	mA
Forward voltage	V _f	--	5.0	--	V
LED Color	WHITE				

