

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	VDD	2.4	3.3	V
Supply Voltage(LCD)	V0-XV0	-0.3	16.0	V
Input Voltage	Vi	-0.3	VDD+0.3	V
Operating Temp.	Topr	0	50	°C
Storage Temp.	Tstg	-10	60	°C

MECHANICAL DATA

Item	Max.	Unit
Module Size (W X H X T)	65.6 X 28.8 X 4.9	mm
Viewing Area(W X H)	59.5 X 18.1	mm
Dot Pitch(W X H)	0.47 X 0.45	mm
Dot Size(W X H)	0.44 X 0.42	mm
View Angle	6 O'Clock	

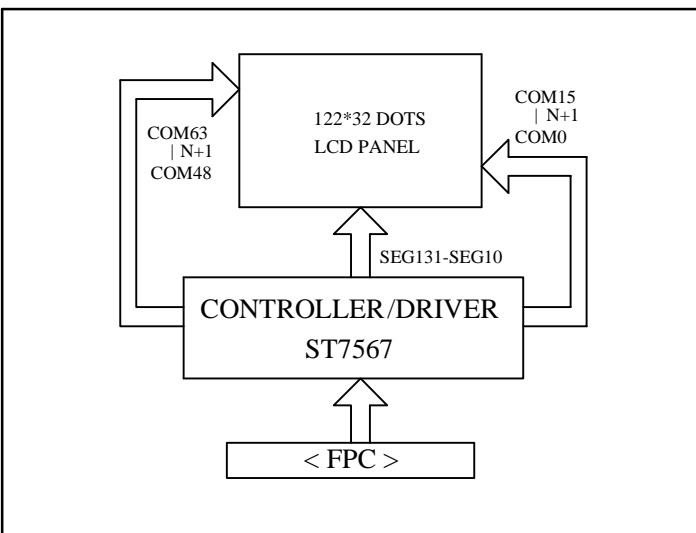
ELECTRICAL CHARACTERISTICS (Vdd=3.0V±0.3V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	Vih	--	0.8VDD	--	VDD	V
Input Low Voltage	Vil	--	VSS	--	0.2VDD	V
Output High Voltage	Voh	--	0.8VDD	--	VDD	V
Output Low Voltage	Vol	--	VSS	--	0.2VDD	V
Current consumption	Idd	Vdd=3.0V	--	135	205	µA
LCD Driving Voltage	V0	Ta=25 °C	--	7.7	--	V

PIN CONNECTIONS

Pin	Symbol	Function
1	A+	Supply voltage for backlight +2.7V
2	K-	Supply voltage for backlight Ground
3	NC	
4	/CS	Chip select pin
5	RST	Reset signal input
6	A0	"L": Control data "H": Display data
7	D6 (SCL)	Serial clock input.
8	D7(S1)	Serial data input.
9	VDD	Power Supply Voltage(+3.0V)
10	VSS	Ground
11	NC	
12	NC	
13	NC	
14	NC	
15	V0	LCD driving voltage for common
16	XV0	LCD driving voltage for common
17	VG	LCD driving voltage for segment
18	NC	

BLOCK DIAGRAM



Display Type

LCD	Backlight
STN/Y-G	GREEN
Transflective	2.7V 10mA