

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	VDD	-0.3	4.0	V
Supply Voltage(LCD)	V0-V10	-0.3	13.0	V
Input Voltage	V <sub>I</sub>	-0.3	VDD+0.3	V
Operating Temp.	T <sub>opr</sub>	-20	70	°C
Storage Temp.	T <sub>stg</sub>	-30	80	°C

MECHANICAL DATA

Item	Max.	Unit
Module Size (W X H X T)	26.3 X 8 X 2.0	mm
Viewing Area(W X H)	19.26 X 5.18	mm
Dot Pitch(W X H)	0.18 X 0.2	mm
Dot Size(W X H)	0.16 X 0.18	mm
View Angle	6 O'Clock	

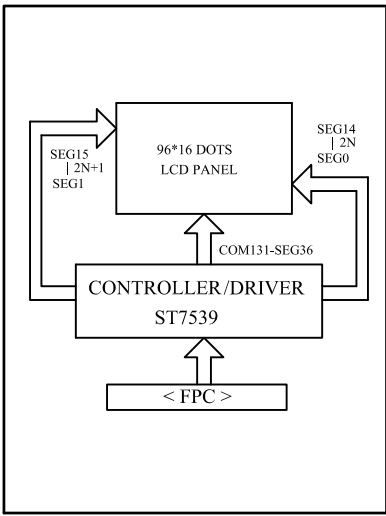
ELECTRICAL CHARACTERISTICS (Vdd=3.0V±0.3V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	V <sub>IH</sub>	--	0.7VDD	--	VDD	V
Input Low Voltage	V <sub>IL</sub>	--	VSS	--	0.3VDD	V
Output High Voltage	V <sub>OH</sub>	0.8VDD	--	--	VDD	V
Output Low Voltage	V <sub>OL</sub>	--	VSS	--	0.2VDD	V
Current consumption	I <sub>dd</sub>	V <sub>dd</sub> =3.0V	--	150	--	µA
LCD Driving Voltage	V <sub>0</sub>	T <sub>pr</sub> =25 °C	--	10	--	V

PIN CONNECTIONS

Pin	Symbol	Function
1-5	NC	
6	BL+	Supply voltage for backlight +3.0V
7	VSS	Ground
8	VDD	Power Supply Voltage(+3.0V)
9	RIS#	Reset signal input.
10	SCL	Serial clock input.
11	SDA	Serial data input.
12-14	NC	

BLOCK DIAGRAM



Display Type	Backlight
LCD	Blacklight
VA/NEGATIVE Transmissive	WHITE
	3.0V , 15mA