

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	VDD	3.0	3.6	V
Supply Voltage(LCD)	V0-XV0	-0.3	13.0	V
Input Voltage	Vi	-0.3	VDD+0.3	V
Operating Temp.	Topr	-20	70	°C
Storage Temp.	Tstg	-30	80	°C

MECHANICAL DATA

Item	Max.	Unit
Module Size (W X H X T)	46.0 X 23.7 X 4.2	mm
Viewing Area(W X H)	38.9 X 20.7	mm
Dot Pitch(W X H)	0.29X 0.29	mm
Dot Size(W X H)	0.27X 0.27	mm
View Angle	6 O'Clock	

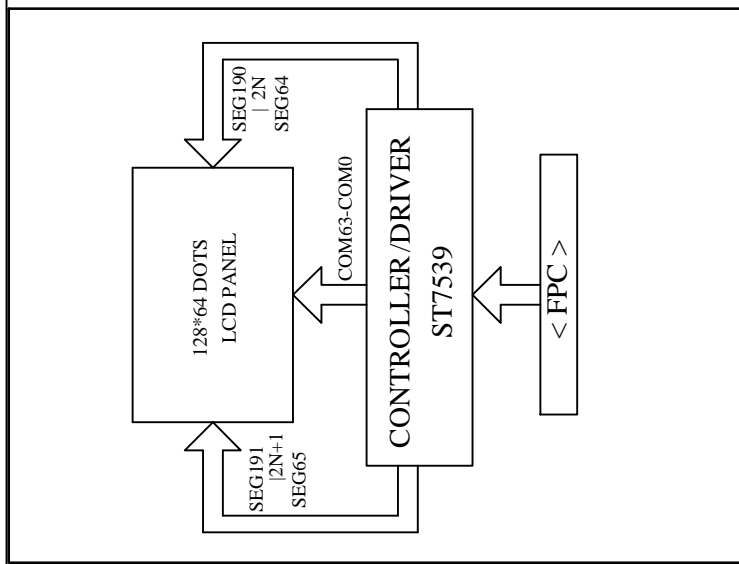
ELECTRICAL CHARACTERISTICS (Vdd=3.0V±0.3V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	Vih	--	0.7VDD	--	VDD	V
Input Low Voltage	Vil	--	VSS	--	0.3VDD	V
Output High Voltage	Voh	--	0.8VDD	--	VDD	V
Output Low Voltage	Vol	--	VSS	--	0.2VDD	V
Current consumption	Idd	Vdd=3.0V	--	150	--	μA
LCD Driving Voltage	V0	Ta=25 °C	--	9.0	--	V

PIN CONNECTIONS

Pin	Symbol	Function
1	CS0	Chip select pin
2	RST	Reset signal input
3	A0	"L": Control data "H": Display data
4	SCL	Serial clock input.
5	SDA	Serial data input.
6	VDD	Power Supply for Logic(+3.3V)
7	VSS	Ground
8	V0	LCD driving voltage for common
9	XV0	LCD driving voltage for common

BLOCK DIAGRAM



Display Type

LCD	Backlight
FSTN/Positive/Transflective	WHITE/3.0V/30mA