

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(-logic)	VDD	-0.3	4.0	V
Supply Voltage(LCD)	V0-XYV0	-0.3	14.0	V
Input Voltage	Vi	-0.3	VDD+0.3	V
Operating Temp.	Topr	-20	70	°C
Storage Temp.	Tsrg	-30	80	°C

MECHANICAL DATA

Item	Max.	Unit
Module Size (W X H X T)	14.5 X 11.6 X 1.8	mm
Viewing Area(W X H)	12.58 X 9.68	mm
Dot Pitch(W X H)	0.175 X 0.175	mm
Dot Size(W X H)	0.155 X 0.155	mm
View Angle	6 O/Clock	

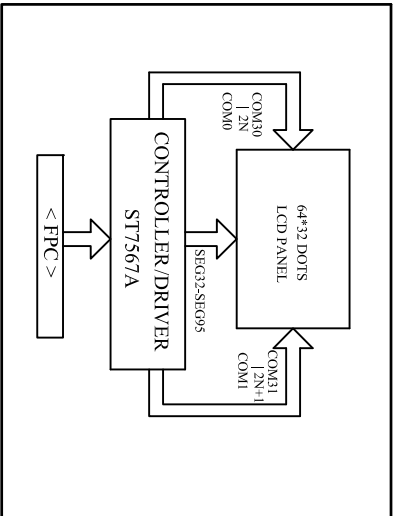
ELECTRICAL CHARACTERISTICS (Vdd=3.0V±0.3V)

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	V0=3.0V	--	80	130	µA
LCD Driving Voltage	V0	Ta=25 °C	--	9	--	V

PIN CONNECTIONS

Pin	Symbol	Function
1	G2H(XV0)	DC/DC voltage converter.
2	G2N(V0)	DC/DC voltage converter.
3	G1P(VG)	DC/DC voltage converter.
4	G1N(VSS)	DC/DC voltage converter.
5	A	Supply voltage for backlight +3.0V
6	NC	Ground
7	VSS(K)	Ground
8	VDD	Power Supply Voltage(+3.0V)
9	RES#	Reset signal input
10	SCL	Serial clock input.
11	SDA	Serial data input.
12	NC	NC
13	NC	NC
14	NC	NC

BLOCK DIAGRAM



Display Type	Backlight
LCD	White
V.A/Negative Transmissive	3.0V 15mA