

Mechanical Data

Item	Standard Value	Unit
Module dimension	100.0 x 60.0	mm
Viewing area	84.0 x 31.0	mm
Mounting hole	93.0 x 55.0	mm
Dot Size	0.36 x 0.36	mm
Dot Pitch	0.41 x 0.41	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	0	--	VDD	V

Note: VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD-VSS	-	4.7	5.0	5.3	V
Supply Current	IDD	VDD=5V	104	138	172	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20°C	-	-	-	V
		25°C	7.85	8.43	8.86	
		+70°C	-	-	-	
LED Forward Voltage	VF	25°C	3.9	4.1	4.3	V
LED Forward Current	IF	25°C	112	140	210	mA

Feature

1. 192*64 dots includes cursor
2. Built-in controller NT7107
3. + 5V power supply
4. 1/64 duty cycle

Pin NO.	Symbol	Description
1	/CSA	/CSA=0 /CSB=0 Select U2
		/CSA=0 /CSB=1 Select U3
2	/CSB	/CSA=1 /CSB=0 Select U4
3	VSS	Ground
4	VDD	Supply voltage for logic
5	VOP	Operating voltage for LCD
6	D/I	H: DATA, L: Instruction code
7	R/W	H: Read (MPU→Module), L: Write (MPU→Module)
8	E	Enable signal
9	DB0	Data bus line
10	DB1	Data bus line
11	DB2	Data bus line
12	DB3	Data bus line
13	DB4	Data bus line
14	DB5	Data bus line
15	DB6	Data bus line
16	DB7	Data bus line
17	A	LED+
18	K	LED-
19	Vout	Negative Voltage Output
20	REST	Reset Signal

Graphic type

RG19264C Graphic 192x64 dots

Dimension drawing

