

Mechanical Data

Item	Standard Value	Unit
Module Dimension	60.1x44.5	mm
Viewing Area	50.1x32.0	mm
Dot Pitch	0.39x0.43	mm
Dot Size	0.36x0.4	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	-0.3	---	5.0	V
Input Voltage	VI	---	---	---	V

Note: VSS=0 Volt, VDD=3.3 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	2.7	3.0	3.3	V
Supply Current	IDD	VDD=3.0V	---	0.10	2.0	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20°C	9.43	9.73	10.3	V
		0°C	---	---	---	
		25°C	9.20	9.45	9.70	
		50°C	---	---	---	
		70°C	8.87	9.17	9.47	
LED Forward Voltage	VF	25°C	3.4	3.5	3.6	V
LED Forward Current	IF	25°C	43.2	48	75	mA

Feature

1. Built-in controller (ST7565P or Equivalent)
2. 1/65 duty
3. +3.3V power supply

Pin NO.	Symbol	Pin NO.	Symbol
1	P/S	16	VDD
2	C86	17	D7
3	VR	18	D6
4	V0	19	D5
5	V1	20	D4
6	V2	21	D3
7	V3	22	D2
8	V4	23	D1
9	CAP2N	24	D0
10	CAP2P	25	RD(E)
11	CAP1P	26	WR(RW)
12	CAP1N	27	A0
13	CAP3P	28	RES
14	VOUT	29	CS1
15	Vss		

COG type

RX12864A1 COG 128x64 dots

Dimension drawing

