

Part number list

SH12864B□□□-□-□

Feature

1. Built-in controller NT7532
2. Built-in voltage booster
3. +3.3V power supply
4. 8080 Interface

Pin Assignment

Pin No.	Symbol	Description
1~5	V0~V4	LCD driver supply voltage
6,7	C2-	Capacitor for internal DC/DC voltage converter
8,9	C1+,C1-	Capacitor for internal DC/DC voltage converter
10	C3+	Capacitor for internal DC/DC voltage converter
11	VOUT	Voltage converter output
12	VSS	Power Supply Ground
13	VDD	Power Supply Voltage
14~21	DB7~DB0	Data Bus line
22	/RD	Read Signal
23	/WR	Write Signal
24	A0	H:Instruction Code , L:Data Code
25	/RES	Reset Signal
26	/CS	Chip Select Signal

Mechanical Data

Item	Standard Value	Unit
Module Dimension	72.0 x 46.0	mm
Active Area	61.41 x 30.69	mm
Dot Pitch	0.48 x 0.48	mm
Dot Size	0.45 x 0.45	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.3	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	9.6	V

Mechanical Drawing

