

BL12864D

Feature

1. PLED display 128x64 dots
2. KS0107/KS0108 controller, easy program
3. +5V power supply
4. 1/64 duty
5. COB with metal frame
6. 100% the same mechanism as BL12864C

Mechanical Data

Item	Standard Value	Unit
Module Dimension	76.65 x 52.7	mm
Viewing Area	60.0 x 32.5	mm
Dot Size	0.40 x 0.40	mm
Dot Pitch	0.43 x 0.53	mm

Pin Assignment

Pin	Symbol	Function
1	Vdd	Logic supply voltage(5.0V)
2	Vss	Ground
3	NC	No connection
4-11	DB0-7	Data bus line
12	CS1	L:Chip select for IC1
13	CS2	L:Chip select for IC2
14	/RST	L:Reset signal
15	R/W	H: Read(-->MPU);L:Write(-->LCM)
16	D/I	H:Data; L:Instruction
17	E	H:Enable signal
18	NC	No connection
19	DISP	L: LCM display off
20	NC	No connection

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd=+5V	5.0	V
Supply Current	Idd	Vdd=+5V	100	mA
Pixel Brightness	Lu	Vdd=+5V	35	cd/m ²

Dimension

