



BL12864C

Feature

1. OLED Display
2. SMT with metal frame
3. Controller KS0108 alike
4. +5V single power supply
5. 1/64 duty cycle

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 0.43	mm

Pin Assignment

Pin	Symbol	Function
1	V _{COL}	Power supply of PLED column buffer
2	V _{ROW}	Power supply of PLED row buffer
3	Gnd_Power	Analog ground
4	V _{DD}	Logic supply voltage
5	V _{bt}	Reference voltage
6	Gnd_Logic	Logic ground
7	E	Enable signal input pin E='1' : System receives data/command instruction E='0' : System idles
8	RS	Data or Command Instruction select input pin RS='1'-->DB0~DB7 : Display Data RAM RS='0'-->DB0~DB7 : Command instruction
9	nReset	Negative reset function nReset='1' : System operates (default) nReset='0' : System reset ; power up and delay for a while
10	Busy	Loading busy flag Busy='1' : System is busy; System can't accept instruction Busy='0' : System idles; System can accept instruction
11~18	DB0~DB7	Parallel 8 bits data bus
19~20	NC	No connection

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	V _{dd}	V _{dd} = +5V	5.0	V
Supply Current	I _{dd}	V _{dd} = +5V	100	mA
Pixel Brightness	LU	V _{dd} = +5V	35	cd/m ²

Dimension

