BOLYMIN

BP240128B2

Feature

1. FSTN Transflective LCD, TAB IC, TCP Package
2. Built Controller UC1608
3. 1/128 Duty Cycle
4. +3 V Power Supply
5. Option: LED Edge B/L (Yellow-Green,White,Blue)
6. Option: LCD booster and temperature compensation
7. Very low power consumption application.

Mechanical Data

Item	Standard Value	Unit
Module Dimension	129.0 x 78.0	mm
Viewing Area	114.98 x 63.58	mm
Dot Size	0.43 x 0.43	mm
Dot Pitch	0.45 x 0.45	mm

Low Power Consumption

Pin Assignment

Pin	Symbol	Function
1	Resb	Reset Signal
2	CSb	Chip Select
3	RS	Data instruction select
4	WRb	Data write
5	RDb	Data read
6~13	DB0~DB7	Data bus
14	VDD	Power supply +3.0
15	VSS	Power supply (GND)
16	NC	NO connection
17	NC	NO connection
18	NC	NO connection
19	LED+	Power supply for B/L(+)
20	LED-	Power supply for B/L(GND)

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.0V	3.0	V
Supply Current	Idd	Vdd = +3.0V	2.7	mA
LCD Operation Voltage	Vop	25^oC	15	V
LED Forward Voltage	Vf	25^oC	2.1	V
LED Forward Current	If	25^oC	100	mA

Dimension