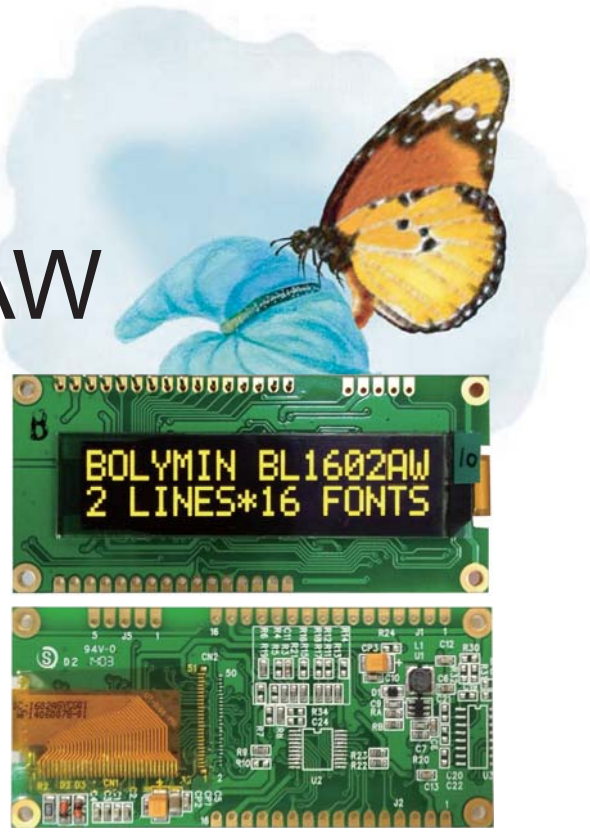
BO LYMIN

BL1602AW



BL-2

Feature

1. COG with SMT
2. 5V single power supply with built-in positive voltage
3. 5x8 dots format display
4. Built-in controller : US2066
5. Color: white, yellow, green
6. Support MCU Interfaces:
   - ○ 4 / 8-bit 6800/8080-series parallel interface
   - ○ Serial Peripheral Interface
   - ○ I²C Interface (Up to 400kbit/s)
7. 256-step contrast control
8. 3 sets of CGROM
   (ROM A / B / C – hardware/software selectable)
9. Operating temperatures: -40°C to 85°C
10. Option: +3.3V single power supply

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 36.0	mm
Active Area	58.22 x 13.52	mm
Dot Size	0.57 x 0.67	mm
Character Size	2.97 x 5.57	mm

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd =+ 5.0V	5.0	V
Supply Current	Idd	Vdd =+ 5.0V	65.0	mA
Life Time (Yellow)		150cd/m2	50,000	hrs

Pin Assignment

Pin	Symbol	Level	Description
1	GND	0V	Ground
2	VDD	5.0V	Supply voltage for logic.
3	NC	-	-
4	RS	H/L	H: DATA, L: Instruction code
5	R/W	H/L	H: Read (MPU→Module) L: Write (MPU←Module)
6	E	H→L	Chip enable signal
7~14	DB0~7	H/L	Data bit 0~7
15	NC	-	-
16	NC	-	-

Dimension

