

2 x 16 characters + icons STN LCD Module

Description

This COG LCD module uses the ultra-low power EM6124 LCD driver from EM Microelectronic featuring 2 x 16 characters dot matrix configuration and icons area. The STN display is positive reflective. No tooling is required. It is ideal for battery-operated applications requiring low power consumption such as corded phones, portable electronic equipments or POS.

Key Specifications

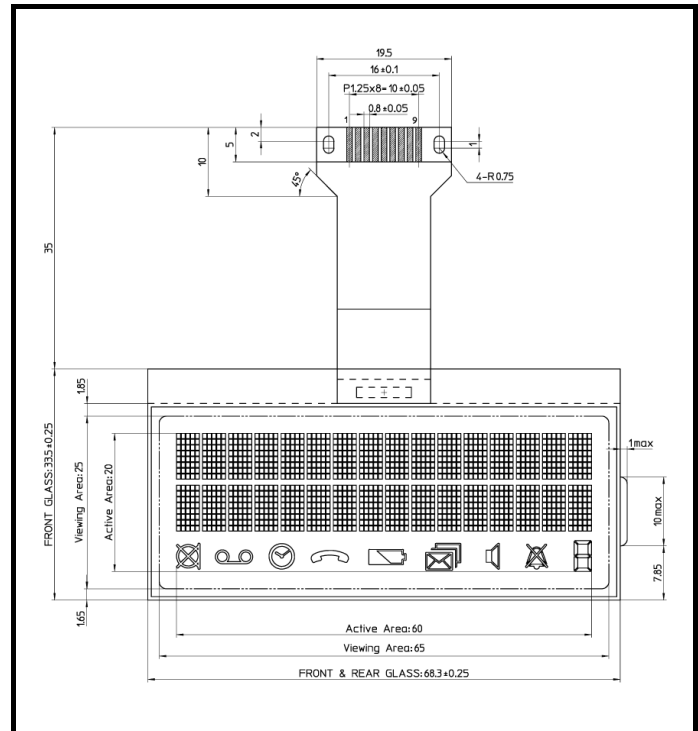
Parameter	Characteristics
Display mode	Blue-Gray
Display type	STN Positive Reflective
Driving	1/17 duty , 1/5 bias
Viewing angle	6 o'clock
LCD driver	EM6124
LCD module structure	LCD + COG + HSC
Dots configuration	2 x 16 characters + icons
Module size (L x W)	68.3 mm x 33.5 mm
Glass thickness	2.93 mm
Viewing area (L x W)	65 mm x 25 mm
Weight	13 g
Power supply voltage V_{DD}	2.0 V to 5.5 V
Operating voltage V_{LCD}	6.0 V
Current consumption (Checker board at 25°C)	150 μ A (Typ)
Operating temperature range	0°C to +50°C
Storage temperature range	-20°C to +60°C

Optional

- FSTN version available on request
- Transflective or transmissive versions (on request)

Ordering Information

Part Number	Description
903.02120	2 x 16 characters + icons



Typical Applications

- Corded phones
- Point-of-sale devices
- Automotive displays & car audio
- Calculators
- GPS, credit card readers
- Scales and utility meters
- Sporting & fishing devices

