

LM5Q31

Color STN-LCD Module
(FA/POS/Measuring instrument)

Features

- 12.6 cm [5"] QVGA format
- Single scan (1/250 Duty)
- 4 096 colors
- Motion picture compatible:
Fast response time (200 ms)/High contrast (30:1)
- Built-in gray scale controller/Digital 4-bit/color interface

Specifications

| Parameter | | Unit |
|---------------------|-----------------|-------------------|
| Display size | 12.6 [5.0] | cm ["] |
| Dot format (H x V) | 320 x RGB x 240 | dot |
| Dot pitch (H x V) | 0.105 x 0.315 | mm |
| Active area (H x V) | 100.8 x 75.6 | mm |
| Panel type | *1 | - |
| Panel mode | Transmissive | - |
| Contrast ratio | 30 : 1 | - |
| Response time | 200 | ms |
| Brightness | 120 | cd/m ² |

| Parameter | | Unit |
|--------------------------------|------------------------------|------|
| Backlight type | 1CCFT(D) | - |
| Duty ratio | 1/250 | - |
| Logic voltage | 5.0 Vcon | V |
| Power consumption | 3 710 | mW |
| Outline dimensions (W x H x D) | 134.0 x 100.0 (113.0) x 15.0 | mm |
| Weight | 165 | g |
| Operating temperature | 0 to +60 | °C |
| Storage temperature | -25 to +65 | °C |

*1...Triple super twisted nematic

Outline Dimensions

unit : mm

