

## LM80C312

Color STN LCD Module

### Features

- 31 cm [12.1"] SVGA format
  - Less shadowing utilizing SA\* technology
  - Wide Viewing Angle
- \*Sharp Addressing

- High brightness : 200 cd/m<sup>2</sup>
- Mechanically compatible with Color TFT LCD [Model : LQ12S41]

### Specifications

Parameter		Unit
Display size	31[12.1]	cm ["]
Dot format (H x V)	800 x RGB x 600	dot
Dot pitch (H x V)	0.1025 x 0.3075	mm
Active area (H x V)	246.0 x 184.5	mm
Panel type	*1	-
Panel mode	Transmissive	-
Contrast ratio	25 : 1	-
Response time	350	ms
Brightness	200	cd/m <sup>2</sup>

Parameter		Unit
Backlight type	2CCFT(E)	-
Duty ratio	1/300	-
Logic voltage	5.0 Vcon	V
Power consumption panel	1 000	mW
	Backlight 6 840	mW
Outline dimensions (W x H x D)	290.0 x 225.0 x 9.3	mm
Weight	700	g
Operating temperature	0 to +40	°C
Storage temperature	-25 to +60	°C

\*1...Triple super twisted nematic

### Outline Dimensions

unit : mm

