

## LM8V31

Color STN LCD Module

### Features

- 20 cm [7.7"] VGA format
- Built-in touch panel and CCFT backlight
- Low power consumption : 1.6 W
- Thin (9.5 mm) & lightweight (310 g)

### Specifications

Parameter		Unit
Display size	20 [7.7]	cm ["]
Dot format (H x V)	640 x RGB x 480	dot
Dot pitch (H x V)	0.088 x 0.264	mm
Active area (H x V)	157.4 x 118.0	mm
Panel type	*1	-
Panel mode	Transmissive	-
Contrast ratio	30:1	-
Response time	350	ms
Brightness	55	cd/m <sup>2</sup>

Parameter		Unit
Backlight type	1CCFT(E)	-
Duty ratio	1/240	-
Logic voltage	3.3 Vcon	V
Power consumption panel	130	mW
	Backlight 1 470	mW
Outline dimensions (W x H x D)	197.0 x 142.5 x 9.5	mm
Weight	310	g
Operating temperature	0 to +40	°C
Storage temperature	-25 to +60	°C

\*1...Triple super twisted nematic

### Outline Dimensions

unit : mm

