

## LM12S44

Color STN-LCD Module

### Features

- 31 cm [12.1"] SVGA format
- Less shadowing utilizing SA\* technology
- Thin (7.0 mm) package
- High contrast (40 :1)
- High brightness (90 cd/m<sup>2</sup>)
- Long life CCFT (25,000 H, Typ.)

\*...Sharp Addressing

### 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	<40 : 1>	-
Response time	<300>	ms
Brightness	<90>	cd/m <sup>2</sup>

Parameter		Unit
Backlight type	1CCFT(E)	-
Duty ratio	1/300	-
Logic voltage	3.5-5.0 vcon	V
Power consumption panel	595	mW
	Backlight 3 250	mW
Outline dimensions (W x H x D)	275.0 x 202.5 x 7.0	mm
Weight	<450>	g
Operating temperature	0 to +40	°C
Storage temperature	-25 to + 60	°C

\*1...Triple Super Twisted Nematic

### Outline Dimensions

unit : mm

