

## LQ7BW566

Color TFT LCD Module for AV/Car Navigation  
(LCD TV/PDA/Car Navigation)

### Features

- Display size : 18 cm [7"]
- Extended temperature range :  
Topr : -30°C to + 85°C, Tstg: -30°C to +85 °C
- Wide viewing angle : L/R 130° U/D 105°
- Compact structure utilizing ACF-COG technology
- Wide screen : 16: 9

### Specifications

Parameter		Unit
Display size	18 [7]	cm [ " ]
No. of pixels*1	93 600	pixel
Dot format (H x V)	480 x RGB x 234	dot
Dot pitch (H x V)	0.108 X 0.375	mm
Active area (H x V)	155.52 X 87.75	mm
Input signal system	NTSC/PAL*1	-
Input video signal	TFT Specific Analog RGB	-
Viewing direction	Wide viewing angle	-

Parameter		Unit
Backlight type	2CCFT(E)	-
Brightness	300	cd/m <sup>2</sup>
Power consumption panel & backlight	4.5	W
Outline dimensions (W x H x D)	173.0 X 106.0 X 14.7	mm
Weight	345	g
Operating temperature	-30 to +85	°C
Storage temperature	-30 to +85	°C

1...MBK-PAL system is adopted as PAL. LCD panel has 234 scanning lines but video-signals are deleted for certain intervals, and displays a picture of 273 virtual scanning lines.

### Outline Dimensions

unit : mm

