

1.0 GENERAL DESCRIPTION

1.1 Introduction

PS 088IPW1H40 is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. This model is composed of a TFT LCD panel, a driving circuit and a back light system. This TFT LCD has a 8.8 (1:4) inch diagonally measured active display area with (480 horizontal by 1920 vertical pixel) resolution.

1.2 Features

- 8.8 inch (1:4 diagonal) configuration
- 16.7M color
- RoHS/ Halogen Free Compliance

1.3 Applications

- Automotive

1.4 TFT LCD General Information

Item		Specification	Unit
Outline Dimension		64.3 x 231.3 (typ)	mm
Display area		54.72(H) x 218.88(V)	mm
Number of Pixel		480 RGB (H) x 1920(V)	pixels
Pixel pitch		0.114(H) x 0.114(V)	mm
Pixel arrangement		RGB Vertical stripe	
Display mode		Normally Black	
NTSC		50 (typ.)	%
Surface treatment		HC	
Weight		100g (Typ.)	g
Back-light		White LED	
Power Consumption	Logic	0.65 (Max) @ White pattern 、 Frame rate 60Hz	W
	BL System	2.8 (Max) @ Black pattern w/o LED driver	W

1.5 Mechanical Information

Item		Min.	Typ.	Max.	Unit
Module Size	Horizontal (H)	64.0	64.3	64.6	mm
	Vertical (V)	231.0	231.3	231.6	mm
	Depth (D)	—	4.8	5.1	mm
Weight		—	100	—	g