

# TFT\_LCD\_2.8inch. Serial or Parallel interface

MB989

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U\_MB989\_TFT\_LCD\_2  
MB989\_TFT\_LCD\_2.8inch.SchDoc

HW6

BOARD REF

SN

HW7

BOARD CPN

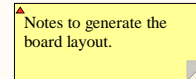
CPN

## Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.



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Title: <b>Project overview</b>	
Project: <b>TFT_LCD_2.8inch. Serial or Parallel interface</b>	
Variant: P	
Revision: C-01	Reference: MB989
Size: A4	Date: 12-OCT-18
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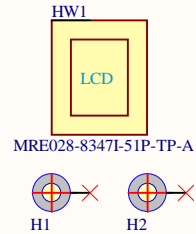
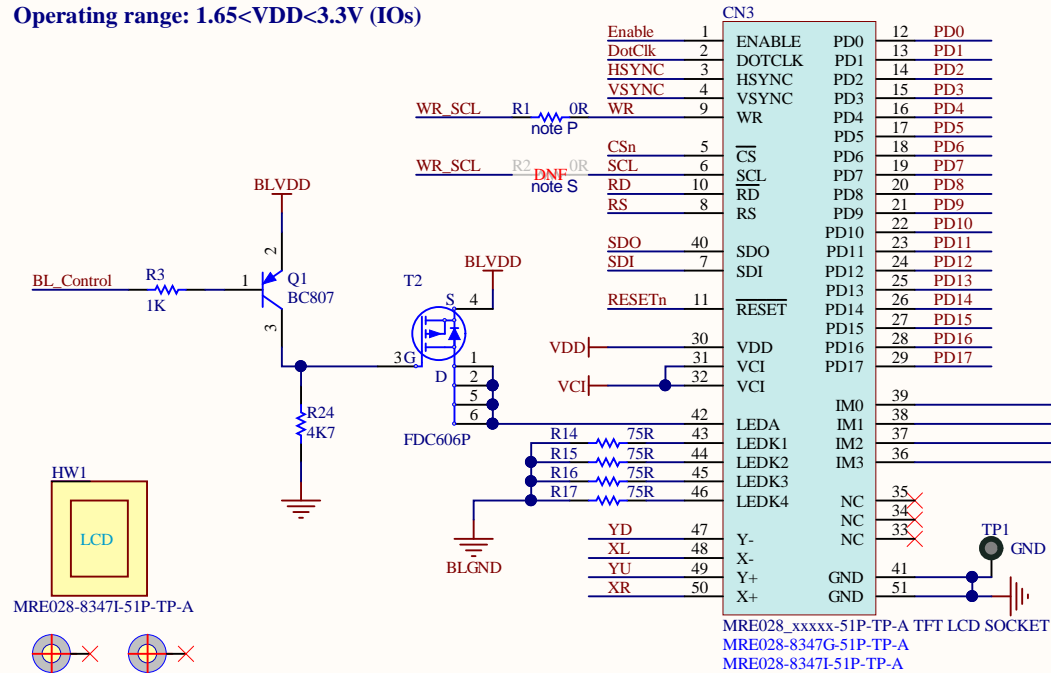


# TFT LCD MODULE 2.8inch 240RGBx320

Backlight driver & PFC connector for LCD panel

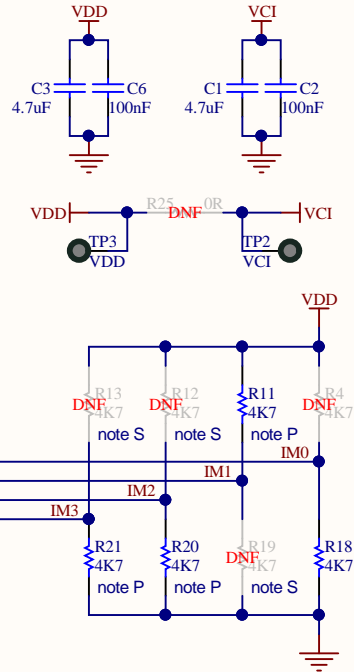
Operating range: 2.5<VCI<3.3V (analog)

Operating range: 1.65<VDD<3.3V (IOs)



LCD DATA bus should be routed in 50 ohm +/- 15%

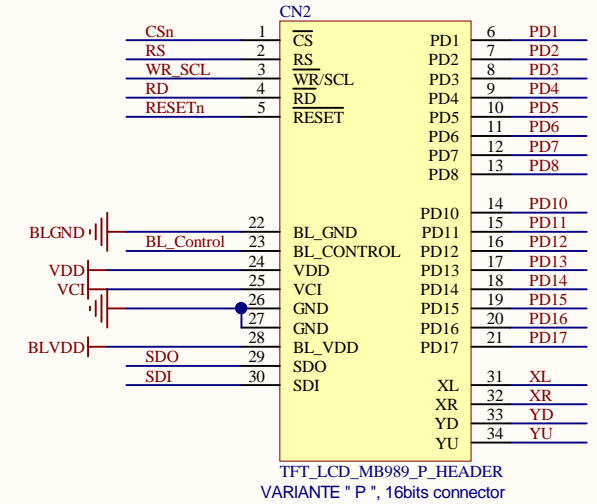
"note S": component mounted only for SPI application: MB989\_S; VARIANTE " S "  
 "note P": Component mounted only for 16 bits parallel SPI application: MB989\_P; VARIANTE " P "



8080 MCU\_LCD System Interface

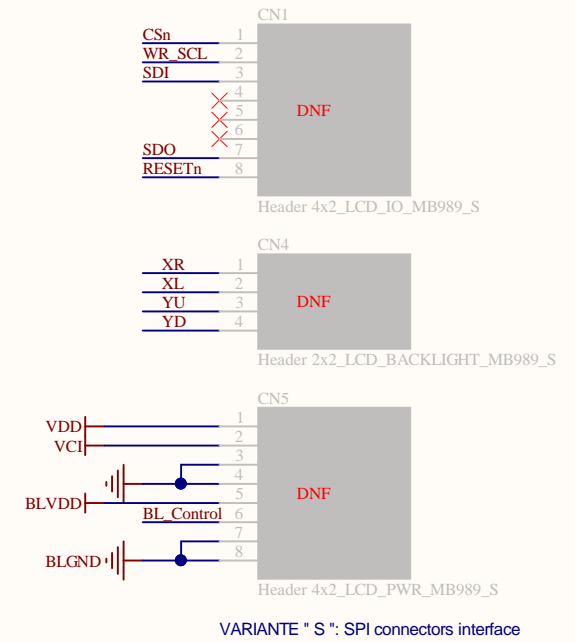
Module	Interface	IM[3:0]
9325	SPI	010(ID)
	16-bit	0010
8347G	SPI	110(ID)
	16-bit	0010

## Connector for 16-bit parallel application



TFT\_LCD\_MB989\_P\_HEADER VARIANTE " P ", 16bits connector

## Connectors for SPI serial application



VARIANTE " S ": SPI connectors interface

