**Figure 4: Board dimensions**



135
5315
121
4 764
4
157.4
26
1
TFT Proto 5"
TFT DISPLAY 800X480
76
2 992
87
3 425
4
157.4
27
52
2.54 100

Legend
■ mm
■ mils

# TFT Proto 5"



TFT

262K colors
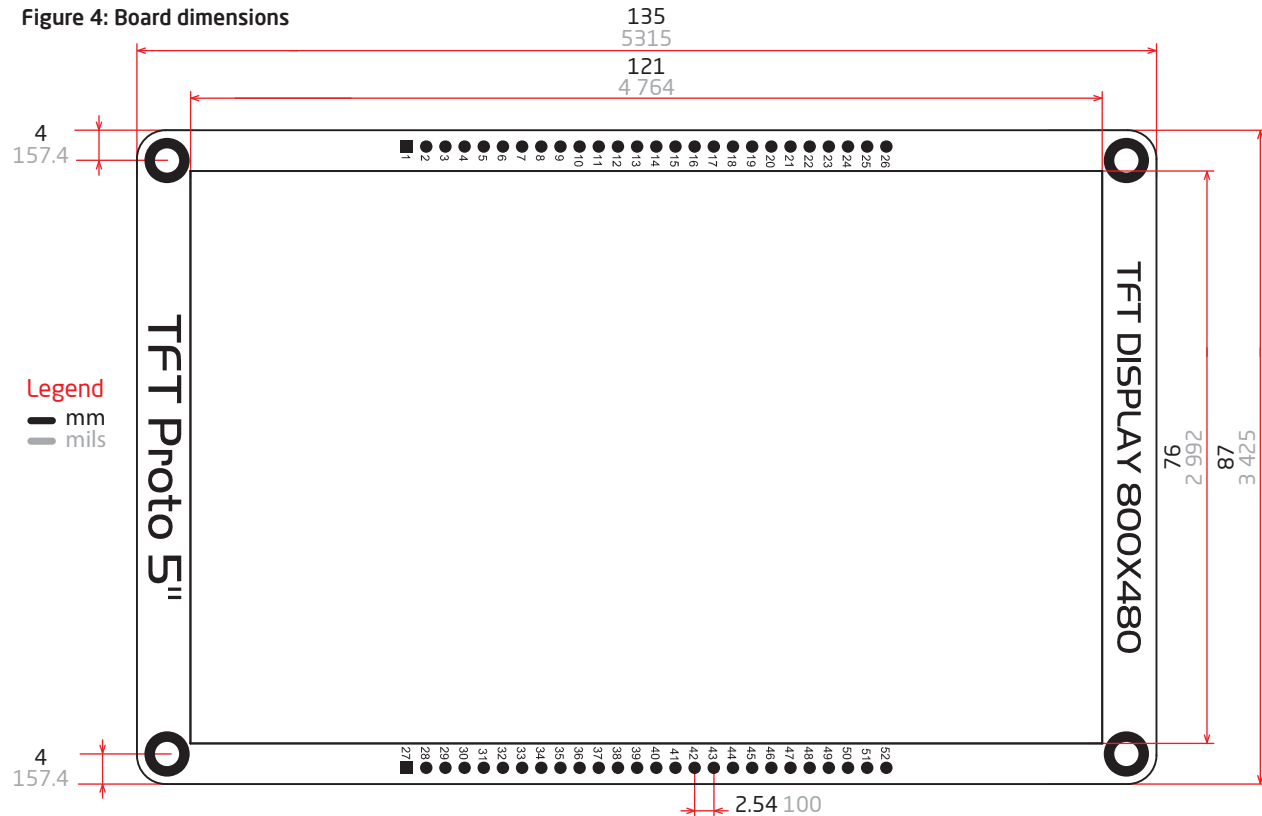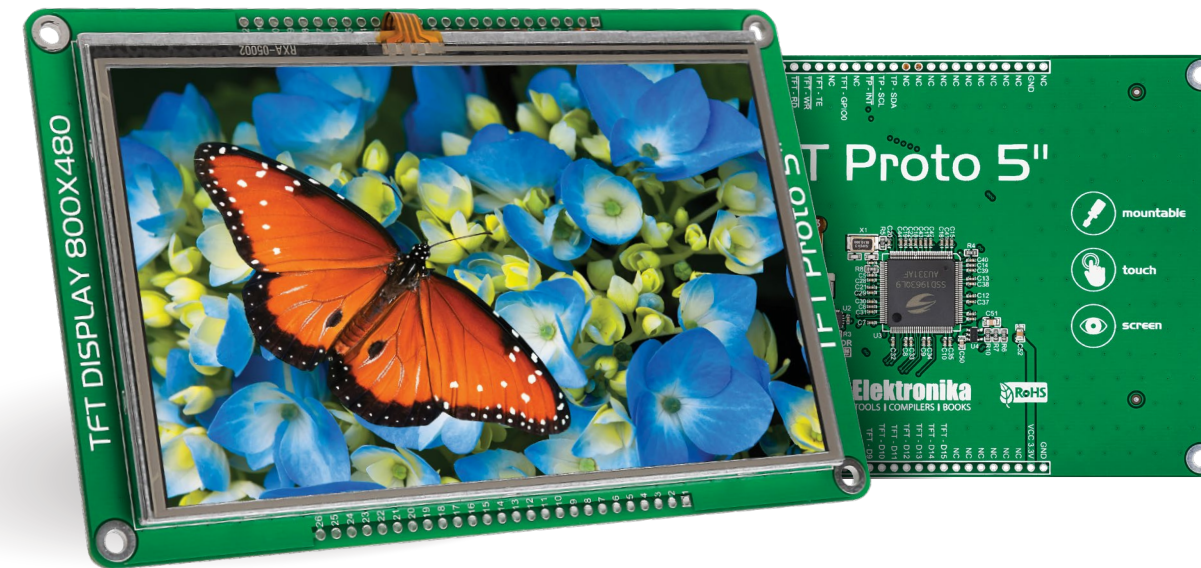
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# Introduction to TFT Proto 5"



Figure 1: TFT Proto 5" board

TFT Proto 5" enables you to easily add a touchscreen display to your design, whether it's a prototype or a final product. It carries a **800x480 px** HT050AWV40T TFT screen driven by a **SSD1963** graphic controller that has an interface for 8/9/16/24-bit MCUs. An **STMPE811** controller drives the 4-wire resistive touch-panel. The board is lined with two rows of 26 pins with **16 data and 7 control lines** for the graphic controller (including GPIO0 that accesses the deep-sleep mode), plus **I²C lines and an interrupt line for the touchscreen controller**. The board uses a 3.3V power supply only (with pins on each side of the board added for convenience). Mounting holes in each corner simplify integration.
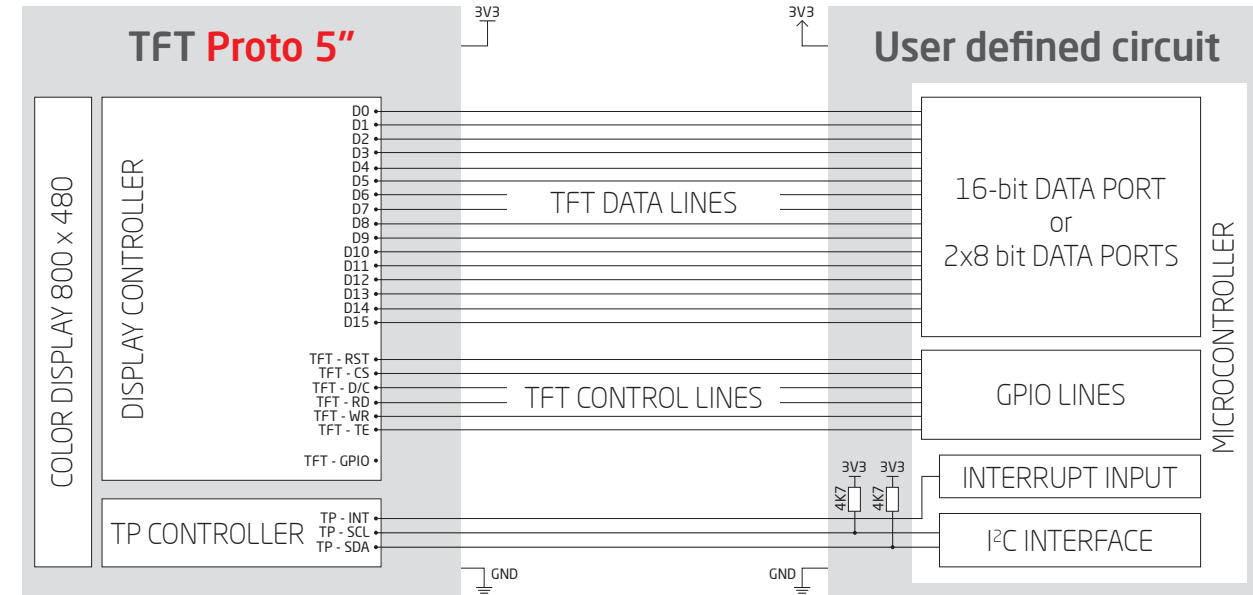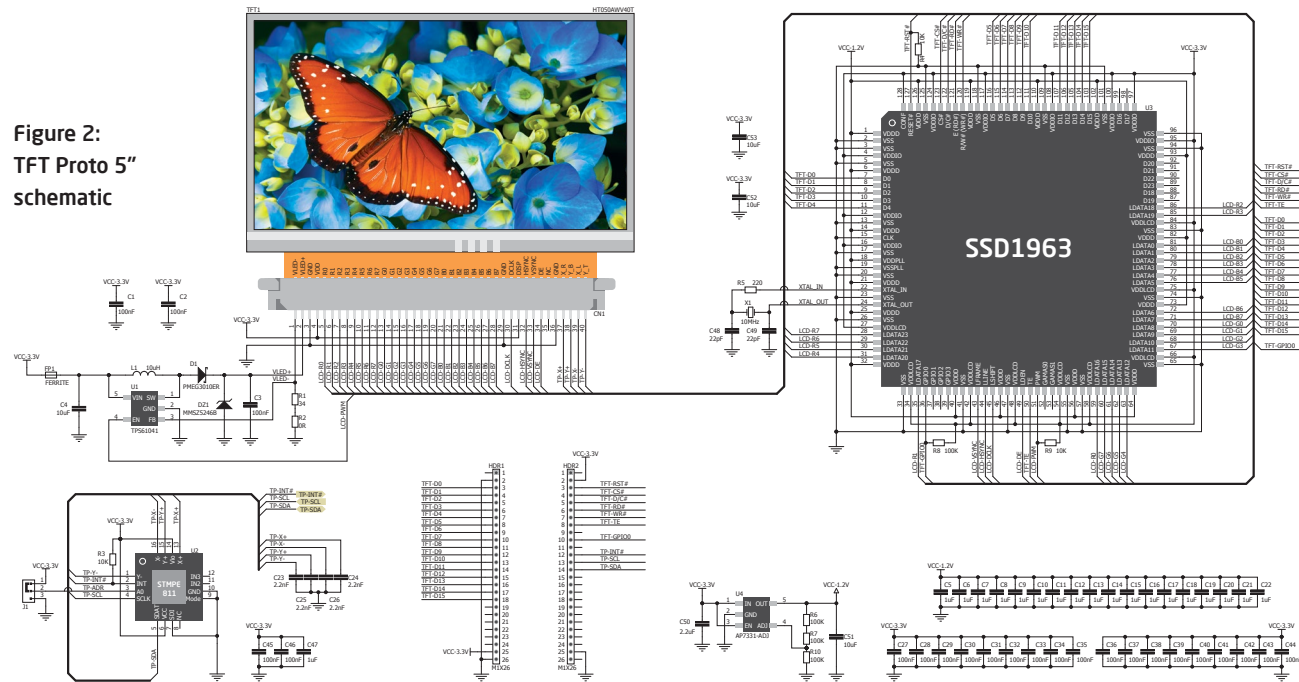
Figure 2:
TFT Proto 5"
schematic





Figure 3: Typical application note

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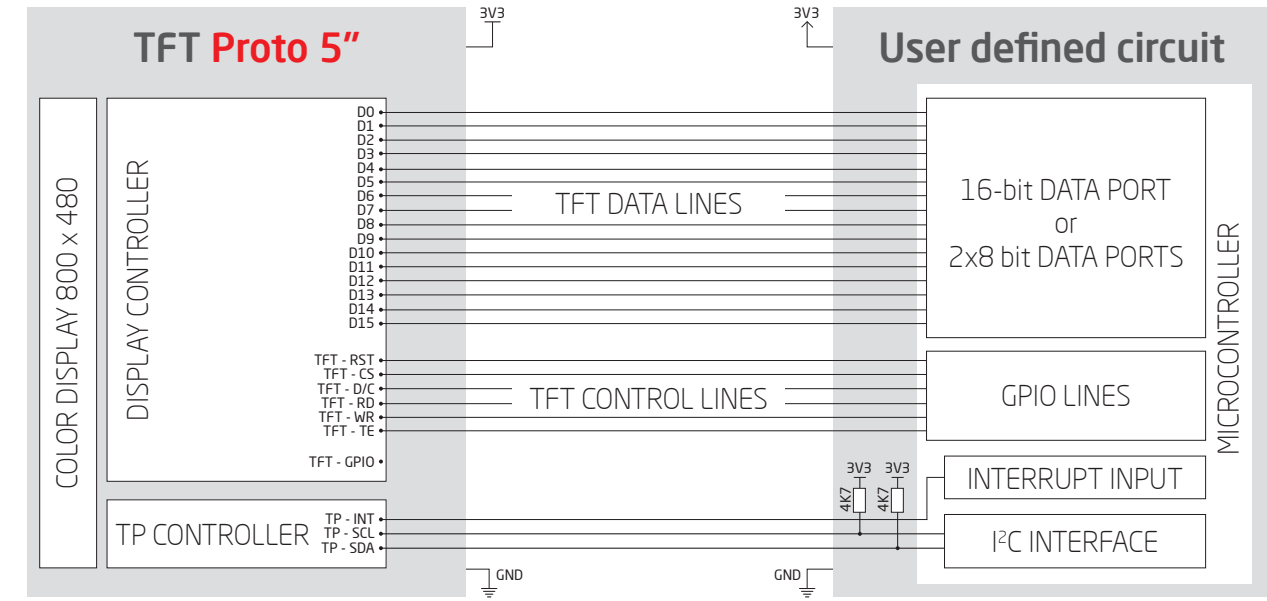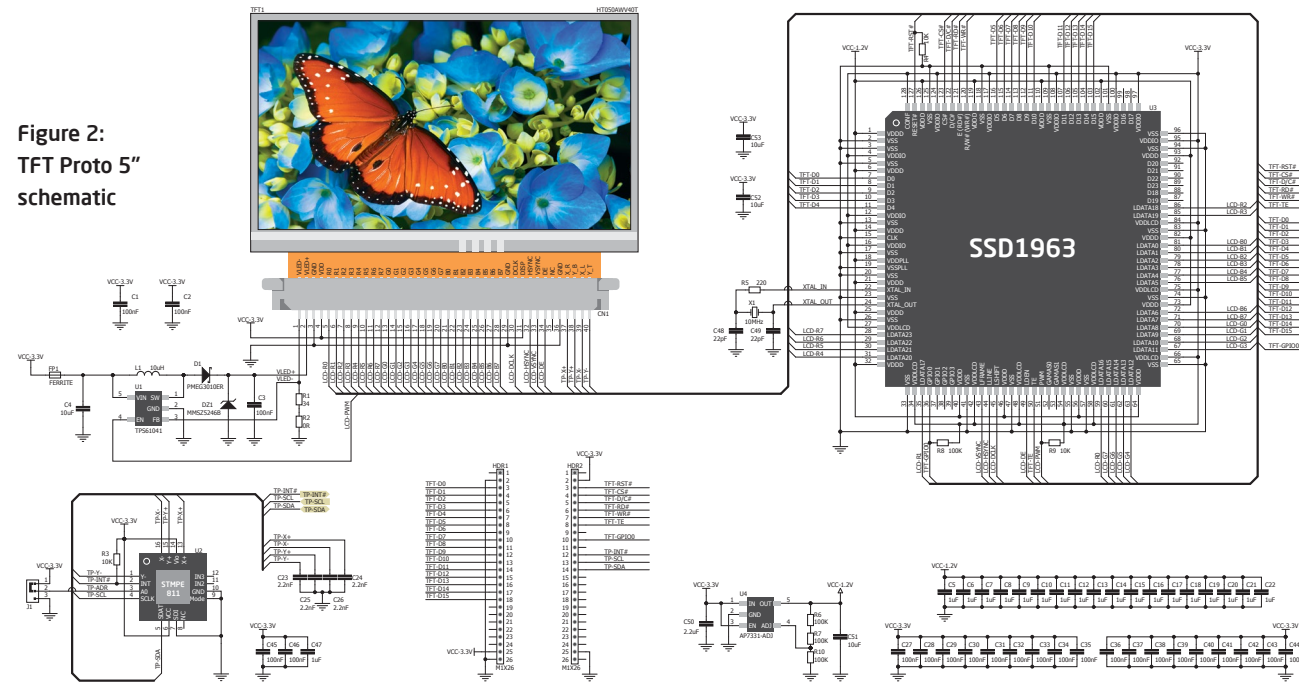
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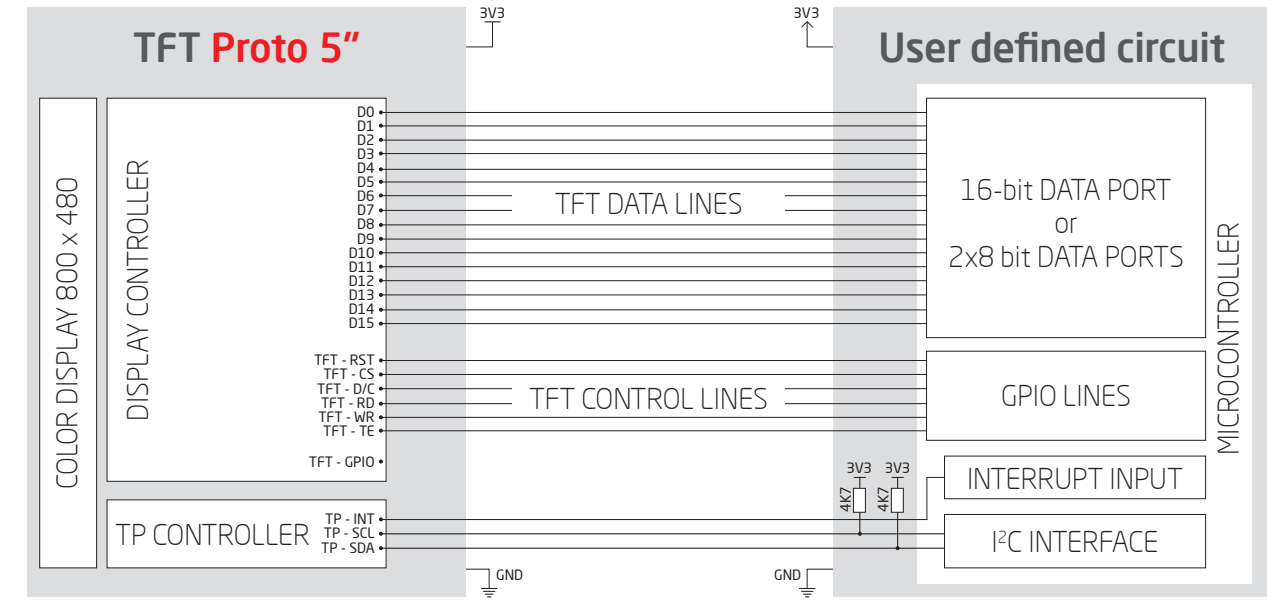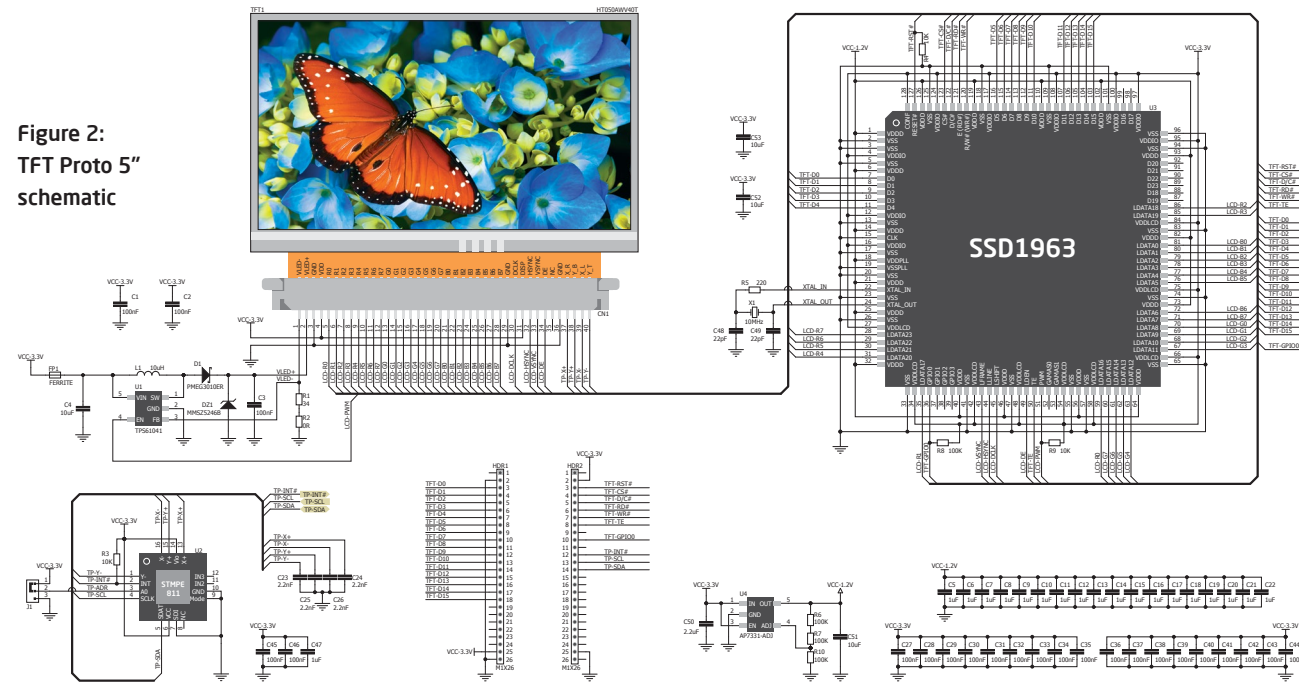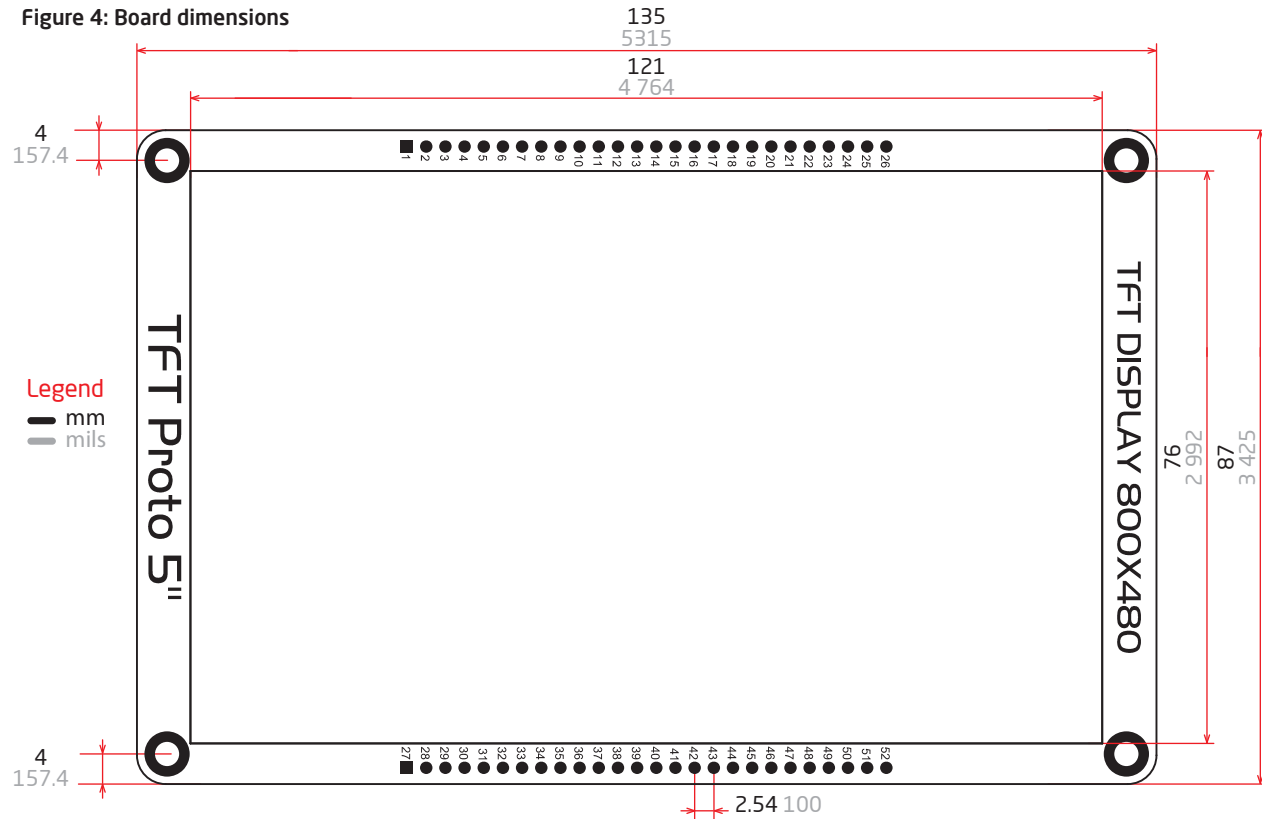
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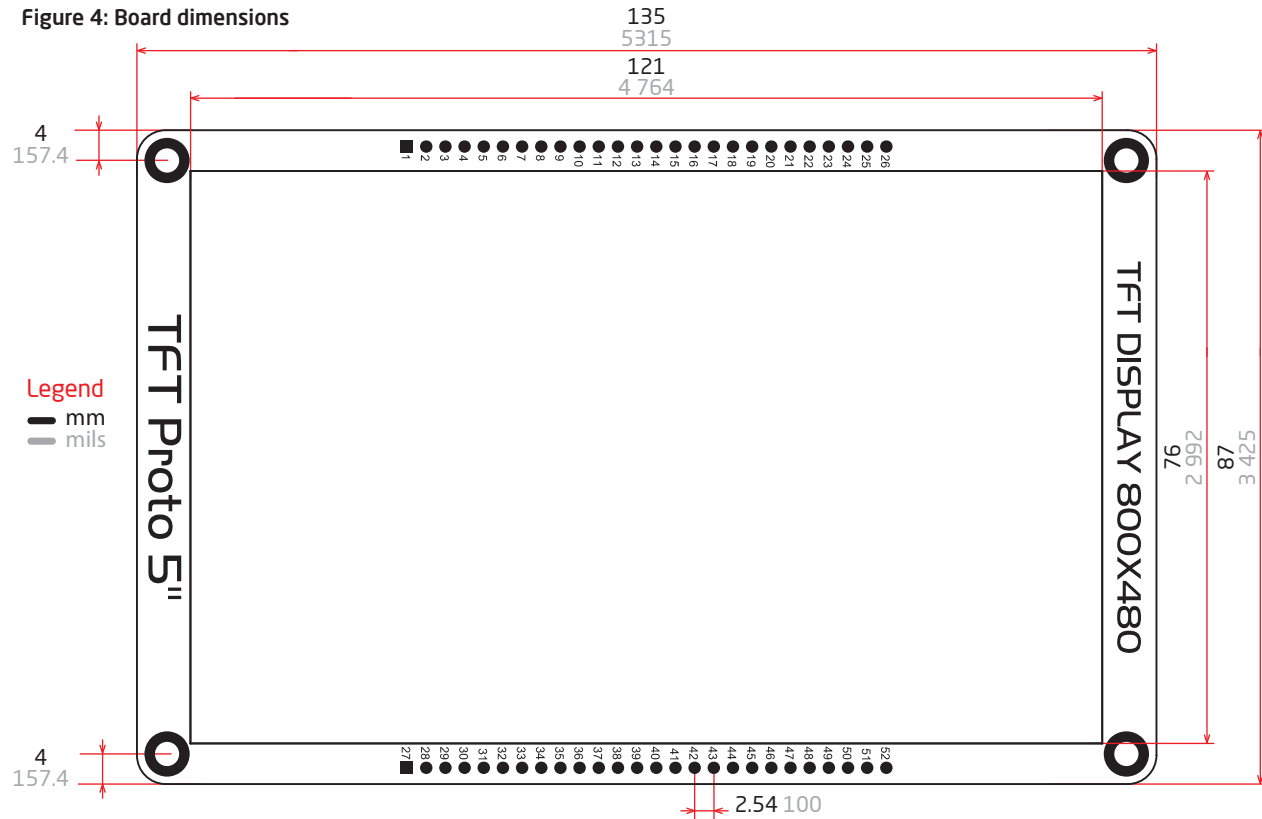information, please place your ticket at **www.mikroe.com/support**
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