

LCD IPS 1.65" Display



PID: MIKROE-6751

LCD IPS 1.65" Display ([ER-TFT1.65-2](#)) is a 1.65-inch bar-type IPS TFT LCD from EastRising with a resolution of 142x428 pixels, designed for compact applications requiring high visual clarity. It features a 700:1 contrast ratio and a brightness of 350cd/m², ensuring vivid colors and sharp images even in well-lit environments. Thanks to IPS technology, it offers a wide 80-degree viewing angle in all directions. The display is driven by the NV3007 controller and communicates via a 4-wire SPI interface. Its soldering-type FPC simplifies assembly by allowing direct PCB mounting or use with an optional plug-in connector. Suitable for wearable and medical applications, such as smartwatches, fitness trackers, glucose meters, and patient monitors, the ER-TFT1.65-2 combines clarity, reliability, and design flexibility in a small form factor.

Downloads

[ER-TFT1.65-2 datasheet](#)

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ISO 14001: 2015 certification of environmental management system.
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ISO 9001: 2015 certification of quality management system (QMS).