

Mitsubishi GT27-ROUT-Z Manual

Brand	Mitsubishi
Product Series	Mitsubishi Pepperl+Fuchs Omron
Product Type	RGB Output Unit

Description

The GT27-ROUT-Z from Mitsubishi is an RGB output unit designed for use within the GOT2000 series. It is compatible with the GT27 model and features a single output channel.

Technical specifications for GT27-ROUT-Z

Manufacturer Mitsubishi

Product Line GOT2000

Part Number GT27-ROUT-Z

Weight 3.00 lbs (1.36 kg)

Device Type RGB Output Unit

Series Compatibility GOT2000 Series

Applicable Models GT27

Functionality Provides analog RGB output for external display screens

Output Channels 1 channel

Vertical Scanning Frequency 60 Hz

Connector Type D-Sub 15-pin female

Current Consumption Approximately 0.34 A at 5.0 V DC

Description

The Mitsubishi GT27-ROUT-Z is an RGB output unit within the GOT2000 series. It is intended for compatibility with the GT27 model and delivers analog RGB outputs to external display screens. This unit encompasses one output channel.

It accommodates multiple display resolutions, including XGA at 1024 x 768 pixels, SVGA at 800 x 600 pixels, and VGA at 640 x 480 pixels. The dot clock frequency values are 65.000 MHz for XGA, 40.000 MHz for SVGA, and 25.175 MHz for VGA. These specifications ensure that the visual output is both clear and precise.

Regarding scanning frequencies, the horizontal rates are 48.4 kHz for XGA, 37.9 kHz for SVGA, and 31.5 kHz for VGA. The vertical scanning frequency is consistent at 60 Hz across all supported resolutions.

The device features a D-Sub 15-pin female connector for physical connection, allowing it to be integrated easily into various systems. Current consumption is approximately 0.34 A when operating at 5.0 V DC, indicating a low power requirement while delivering effective performance.

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