Panasonic

AIG02GQ02D | GT02

※Photo may vary from actual product.

RoHS compliant

To Be Discontinued		Last time buy	September 30, 2025

Product Number	**AIG02GQ02D**
Part Number	**AIG02GQ02D**
Product	**Compact Programmable Display**
Details	**GT02G**
Product name	**GT02**

Substitute	-
Sub Prod No.	-
Sub Part No.	-
Remark	Sorry, no suggested alternative products.

Spec Detail

As of April 06, 2023
Specifications and design of the products are subject to change without notice for the product improvement.

Item	Specifications
Product Number	AIG02GQ02D
Part Number	AIG02GQ02D
CE marking directive compliance	EMC Directive, RoHS Directive
Power supply	5 V DC
Operating voltage range	4.5 to 5.5 V DC
Power consumption	1 W or less
Power supply unit isolation method	—
Ambient temperature	0 to +50 ℃ +32 to +122°F
Ambient humidity	20 to 85% RH (at +25 ℃ +77 °F), (No dew condensation allowed)
Storage temperature	−20 to +60 ℃ −4 to +140°F
Storage humidity	10 to 85% RH (at +25 ℃ +77 °F), (No dew condensation allowed)
Vibration resistance	5 to 8.4 Hz amplitude: 3.5 mm 0.138 in, 8.4 to 150 Hz acceleration 9.8 m/s^2, 10 sweeps each in X, Y and Z directions (1 octave/min.)
Shock resistance	147 m/s^2, 3 times in each of the X, Y and Z directions
Superposed noise suppression	1,000 V [P-P] or more, pulse width of 50 ns, 1 µs between power supply terminals (by a noise simulator)
Environmental resistance	IP67 (in the initial stages) Note: This protective structure condition applies to the front surface of the installed panel. This condition does not guarantee usage in all environments provided by users. When reattaching the panel, replace the waterproof packing.
Net weight	170 g approx.
Display:Display device	TFT monochrome LCD Note: The display has been changed STN LCD to TFT LCD from production in February 2017.
Display:Resolution	240 (W) × 96 (H) dots
Display:Display color	2 colors (black/white)
Display:Displayable area	88.5 (W) × 35.4 (H) mm 3.484 (W) × 1.394 (H) inch

Display:Backlight	3-color LED (green / orange / red)
Functions:Font types	Fixed (GTWIN) : 1/4 width (8 × 8), half width (16 × 8), full width (16 × 16) Characters can be displayed in the 1, 2, 4, or 8 times width or height. TrueType (GTWIN): 10 to 96 dots
Functions:Languages	Japanese, English, Simplified Chinese, Traditional Chinese, Korean, German, Italian, Spanish, French, Turkish, Russian, Vietnamese
Functions:Graphics	Straight lines, Continuous straight lines, Squares, Circles, Ovals, Arcs, Elliptic arcs, Fan shapes, Elliptic fan shapes, Beveled squares, Bitmaps
Functions:Number of screens	250 screens approx. Note: The number of screens that can be registered varies according to the registered contents.
Functions:Screen setting No.	No. 0 to 3FF
Functions:Part functions	Messages, Lamps, Switches, Function switches, Data, Bar graphs, Clocks, Keyboards, Line graphs, Alarm list, Custom parts (messages, lamps, switches)
Functions:Other functions	Recipe, Flow display, Write device, Language switching, GT link, Operation security, Data logging, SD recipe Note: The data logging and SD recipe functions are available with only models equipped with an SD / SDHC memory card slot.
Functions:Clock function	−
Functions:Contrast adjustment	Unnecessary
Functions:Buzzer	Installed
Functions:Automatic communication settings	The communication speed (baud rate) is automatically changed if there is no response from the target equipment.
Functions:Through function	GT connected between PC and PLC allows PLC to be debugged without a direct connection to a PC.
Functions:Screen creation	Dedicated software should be used. Applicable OS: Windows® 2000 / XP / Vista / 7 / 8 / 8.1 / 10 Note: The 64-bit version is not supported except for Windows® 7 / 8 / 8.1 / 10. Windows is registered trademark or trademark of Microsoft Corporation in the United States and other countries.
Touch key resolution	Free layout (8 dots min.)
Touch key operation force	0.8 N or less
Touch key life	1 million operations or more (at +25 ℃ +77 °F)
COM. Port:Communication standard	Conforms to RS-232C
COM. Port:External communication conditions	Baud rate: 9,600 bps, 19,200 bps, 38,400 bps, 57,600 bps, 115,200 bps Data bits: 7 or 8 bits, Parity: None, Odd, Even, Stop bits: 1 bit
COM. Port:Protocol	Our FP series supported, General-purpose serial interface supported, Other companies' PLC supported (Refer to the compatible PLC list for manufacturers and models.)
COM. Port:Connector	Connector terminal block (8 pins)
Screen data transfer interface:Communication standard	USB1.1
Screen data transfer interface:Protocol	Our dedicated protocol
Screen data transfer interface:Connector	USB Mini-B
User's memory:Memory	F-ROM
User's memory:Capacity	2 Mbyte
Memory backup:Memory	−
Memory backup:Backup battery	−

Accessories

Product Number	AFPX-BATT
Part Number	AFPX-BATT
Product	backup battery
Product name	Backup battery

Product Number	AIG02800
Part Number	AIG02800
Product name	Panel face protection sheets

Product Number	AIG02810
Part Number	AIG02810
Product name	Waterproof packing

Product Number	AIG12830
Part Number	AIG12830
Product name	Mounting parts

Product Number	AIGSGT7EN
Part Number	AIGSGT7EN
Product name	Terminal GTWIN Ver.3

Product Number	AIGT084
Part Number	AIGT084
Product name	Spare connector

Product Number	AIGT8142
Part Number	AIGT8142
Product	PLC connection cable
Product name	PLC connection cable