



Product Change Notification

PCN No: 2023-06-13-01
Report Date: June 13, 2023
Subject: GLK12232-25-FGW PCB R4.0 Release

List of New Products:

GLK12232-25-FGW R4.0 Available protocols: RS232 / TTL / I2C / USB Available voltage options: 5V, VPT (9-15V) Available temperature options: regular and extended

Reason for Change:

The GLK12232-25-FGW PCB R4.0 Matrix Orbital graphic module has been upgraded due to supply issue of TQFP package used in PCB 3.0. New PCB R4.0 uses a different, more readily available footprint: MCH package.

New PCB R4.0 will be populated with ATmega164P-MCU (MCH) versus the ATmega164P-AU (TQFP) used on PCB 3.0.

The GLK12232-25-FGW PCB R4.0 also unifies the product line. PCB R3.0, which offered all available communications options in one PCB (plus a daughter board for -USB), has been upgraded into one without the need of daughter board for -USB.

The GLK12232-25-FGW PCB R4.0 supports the following voltage options:

- **-VPT** (9V to 15V) *new voltage option, only offered on non-USB models
- -5V

The outside dimensions and physical placements of keypad, GPO and power and communication headers remain the same. All other functionalities remain the same.

Schedule of Change:

July 2023

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	June 13, 2023	R Malinis

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Approvals:

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