



Product Change Notification

PCN No: 2023-03-22-03
Report Date: March 22, 2023
Subject: LVOK202-25-USB PCB Rev 1.1.1 Release

List of Affected Products:

LK202-25-USB-XX-X PCB 1.1 VK202-25-USB-XX-X PCB 1.1 OK202-25-USB-XX-X PCB 1.1 All colour and temperature variants

List of New Products:

LK202-25-USB-XX-X PCB 1.1.1 VK202-25-USB-XX-X PCB 1.1.1 OK202-25-USB-XX-X PCB 1.1.1 All colour and temperature variants

Reason for Change:

Part supply issues

Schedule of Change:

March 22, 2023

Product Change:

New PCB R1.1.1 uses a different, more readily available footprint: PLCC package. Stock supply is an issue with the microcontroller used on PCB 1.1. New PCB R1.1.1 will be populated with ATMEGA8535-16JU (PLCC) versus the ATMEGA8535-16AU (TQFP) used on PCB 1.1.

When stock supply for the MCU is no longer an issue, we will be using PCB R1.1. All functionalities are the same.

Hardware Changes:

1. Microcontroller TQFP package is replaced with PLCC package (significantly larger).
2. Power, communication and GPO headers remain in the same location but few components have moved as necessary to accommodate the bigger IC

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	March 22, 2023	R Malinis

Contact Information:

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Reference Documents/Attachments:

Location: <http://www.matrixorbital.ca/manuals/>

Approvals:

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