



EWQ24GW / 864D-24GW Internal Photos Exhibit
100G, 100W, 500G, 500W Remote and Pit Mount

Aug 13, 2024

Version 02

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1 Revision History

Revision	Date	Author(s)	Description
01	Aug 07, 2024	Dan Bomsta	Initial
02	Aug 13, 2024	Dan Bomsta	Added photos with batteries and pit connector. Added install manuals reference

2 Internal Photos

To assist in understanding the photos Table 2.1 is provided. The board PCB-1651-001 is common to many products. The components populated on the board differ based on product. Some products include serial flash on board - EXT. FLASH. Others have a fuse for meeting safety requirements. Water product support Itron's leak detection sensor - OLS and pit mount products support an external antenna - EXT. ANT.. An item is supported if an X is in the column of a row.

Table 2.1: Specifications

PCBA	PRODUCT	Ext. Flash	Fuse	OLS	Ext Ant.
PCA-1351-001	100WP			X	X
PCA-1651-001	500WP	X		X	X
PCA-1651-002	100WR / 500WR	X		X	
SUB-7601-501	100GR / 500GR	X	X		
SUB-7601-511	100GP / 500GP	X	X		X

PCBA = Printed Circuit Board Assembly

WP = Water Pit Mount

WR = Water Remote Mount

GP = Gas Pit Mount

GR = Gas Remote Mount

Not shown in the following photos are all the different wire colors for remote mount products. Refer to the following manuals for more details of wiring.

- **815-0006** : OpenWay® Riva™ 500W ERT® Module Pit Installation Guide
- **815-0291** : 100W ERT® Module Installation Guide, includes pit and remote-mount installation
- **815-1224** : Gen™ 5 500W ERT® Module Pit Installation Guide
- **LDI-0005** : 500G/550G/100G ERT® Module Installation Guide (include direct and remote mount)

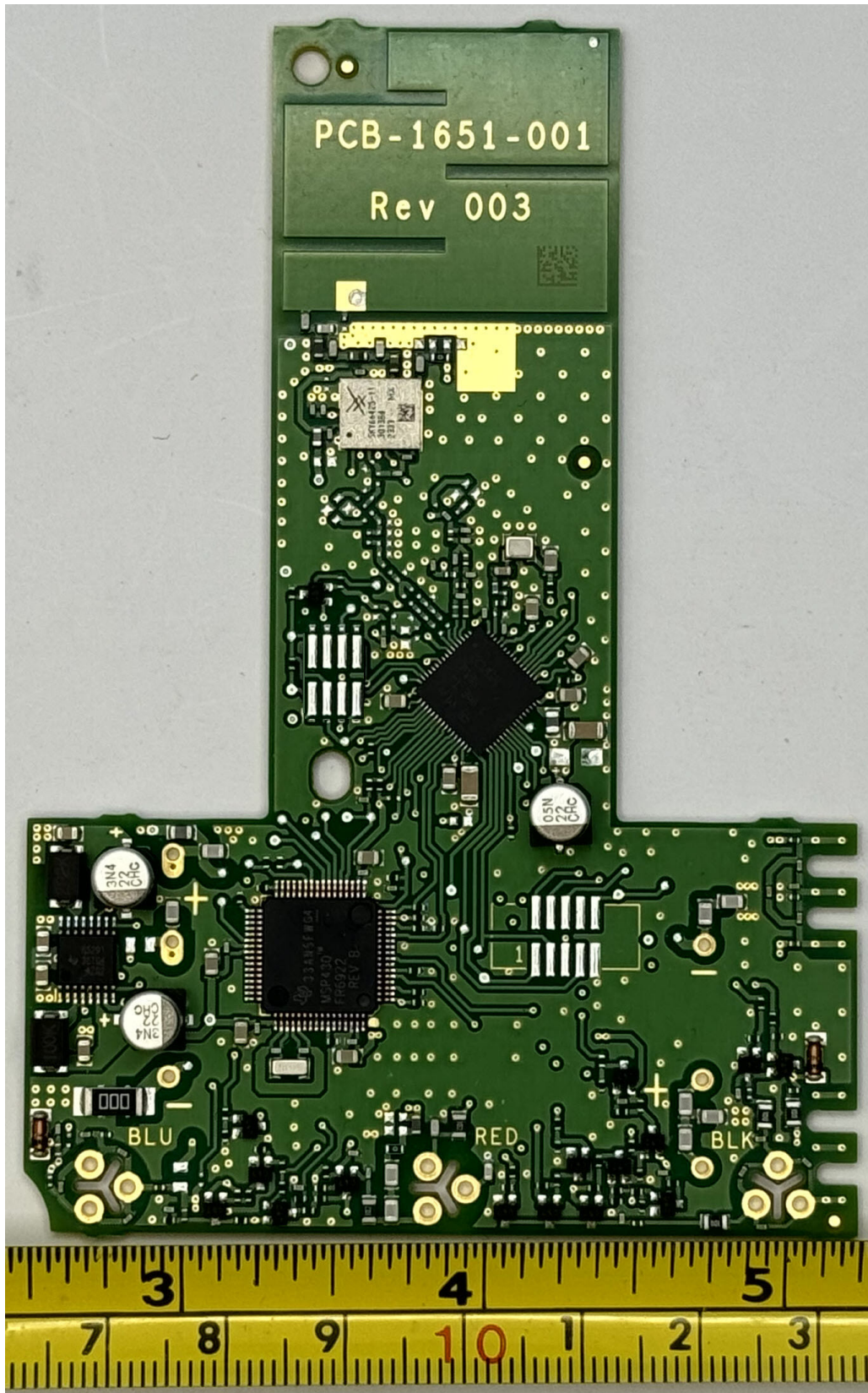


Figure 2.1: 100W Pit Mount - PCB Front

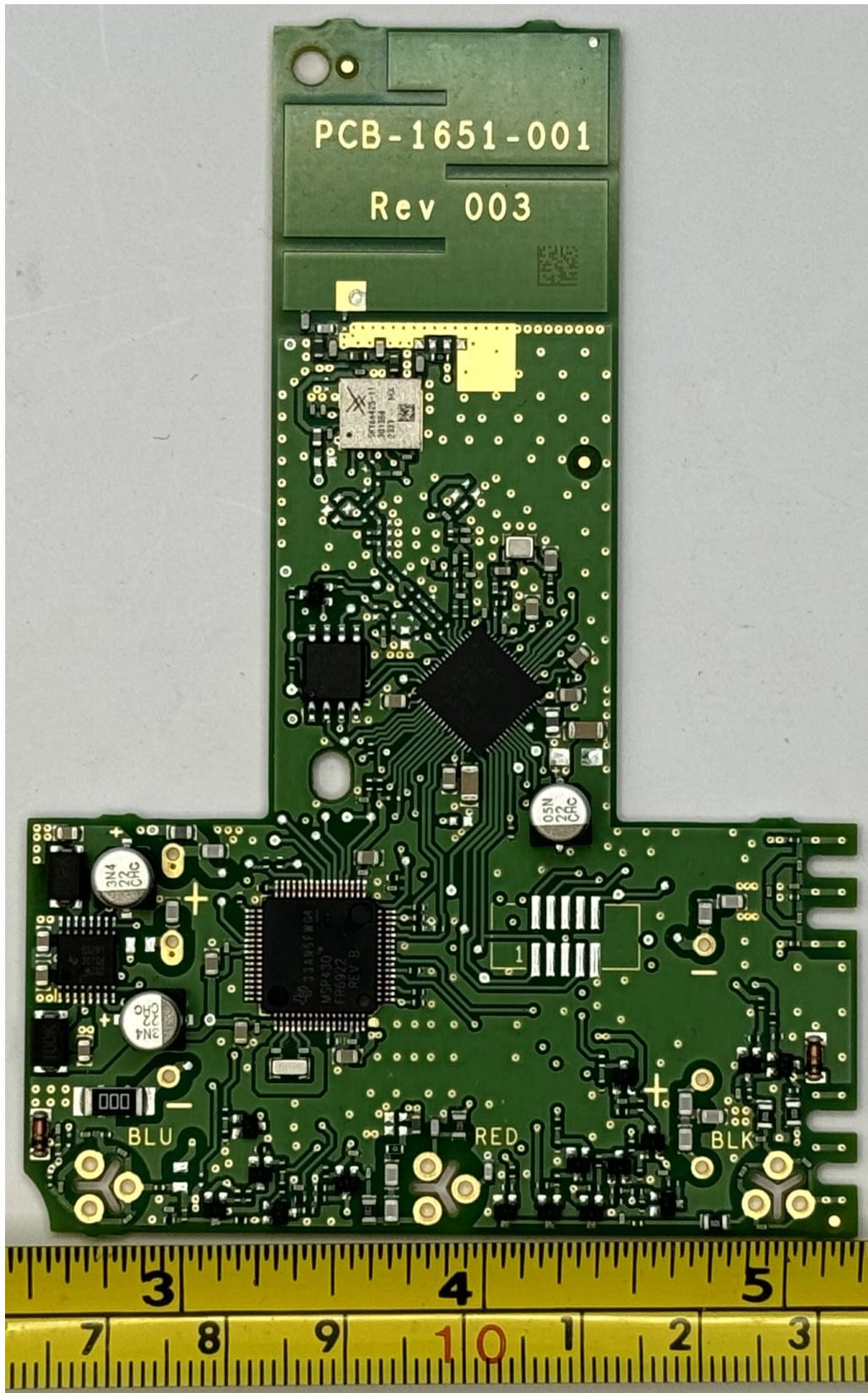


Figure 2.2: 500W Pit Mount - PCB Front

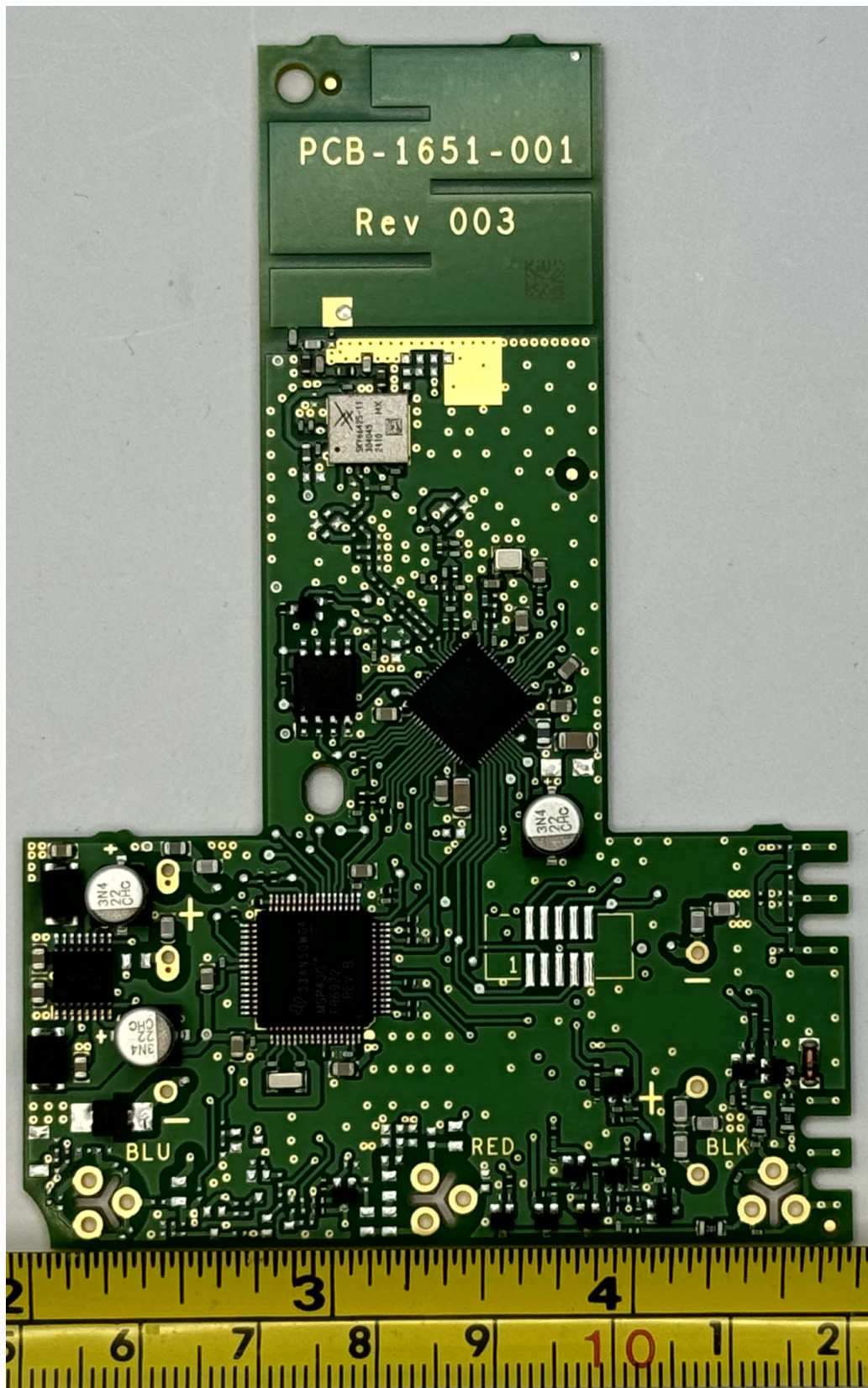


Figure 2.3: Remote Mount - PCB Front, no wires

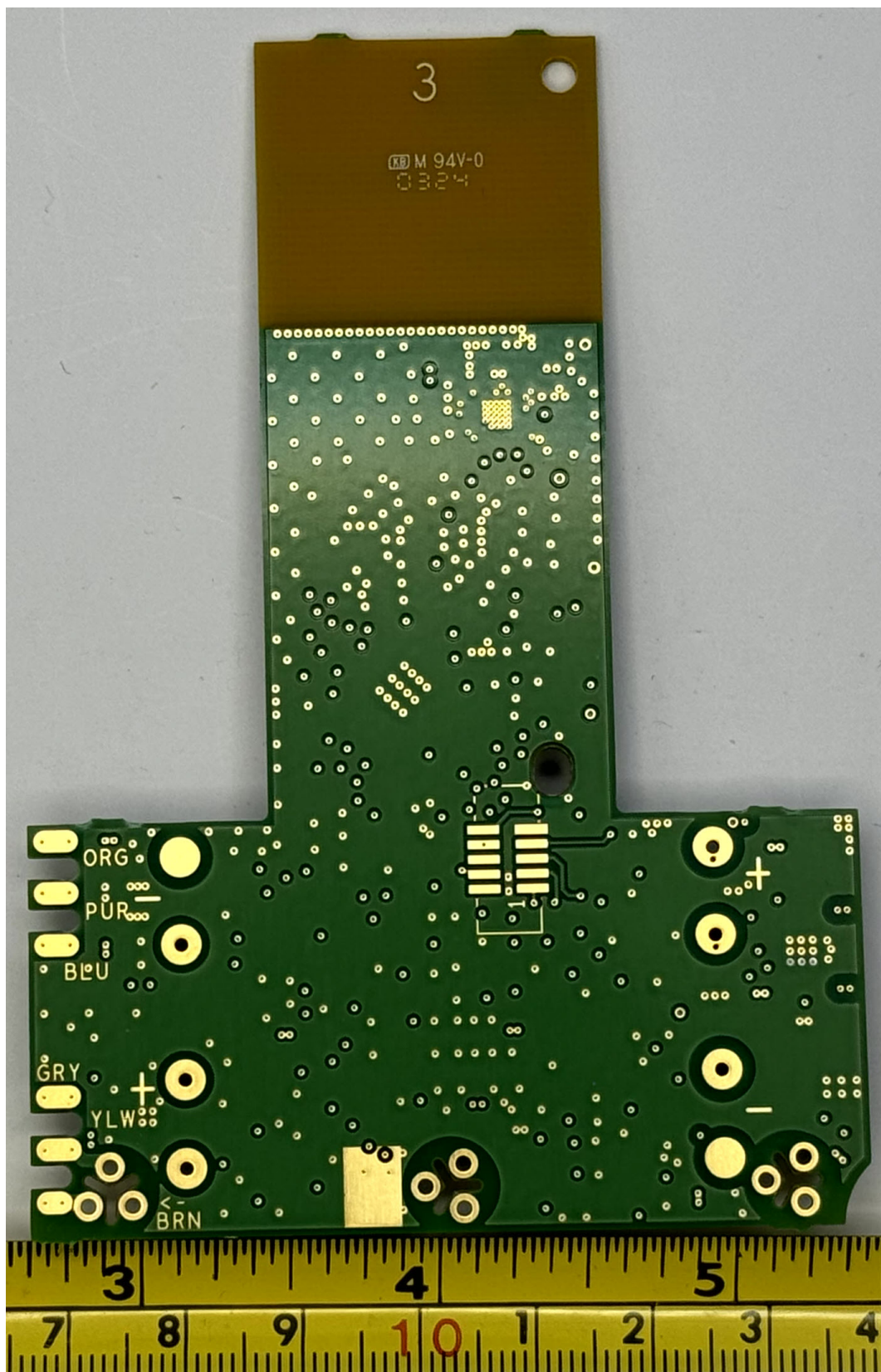


Figure 2.4: Pit & Remote Mount - PCB Back

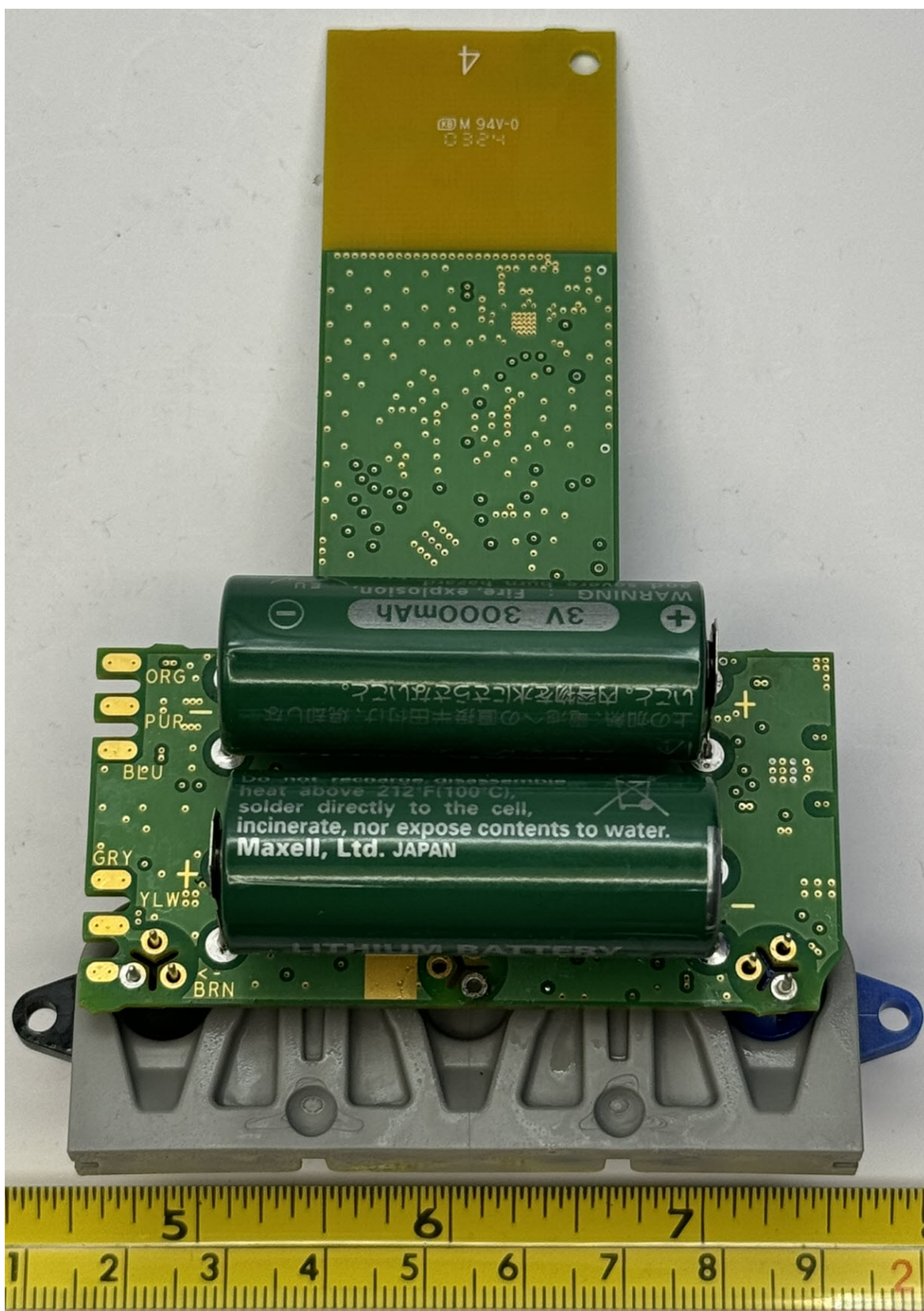


Figure 2.5: Pit 2-Battery, 2-Port - Back

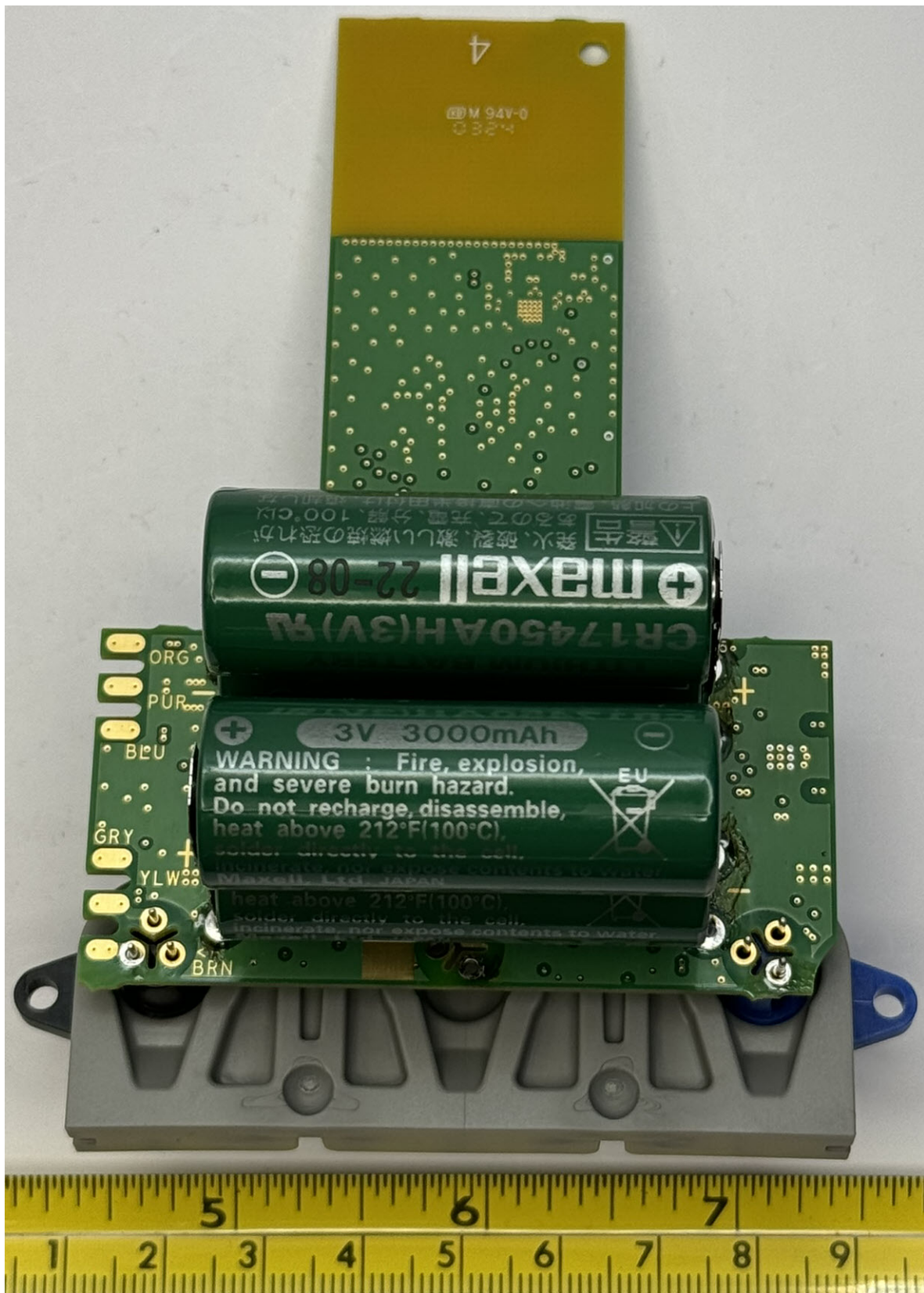


Figure 2.6: Pit 4-Battery, 2-Port - Back

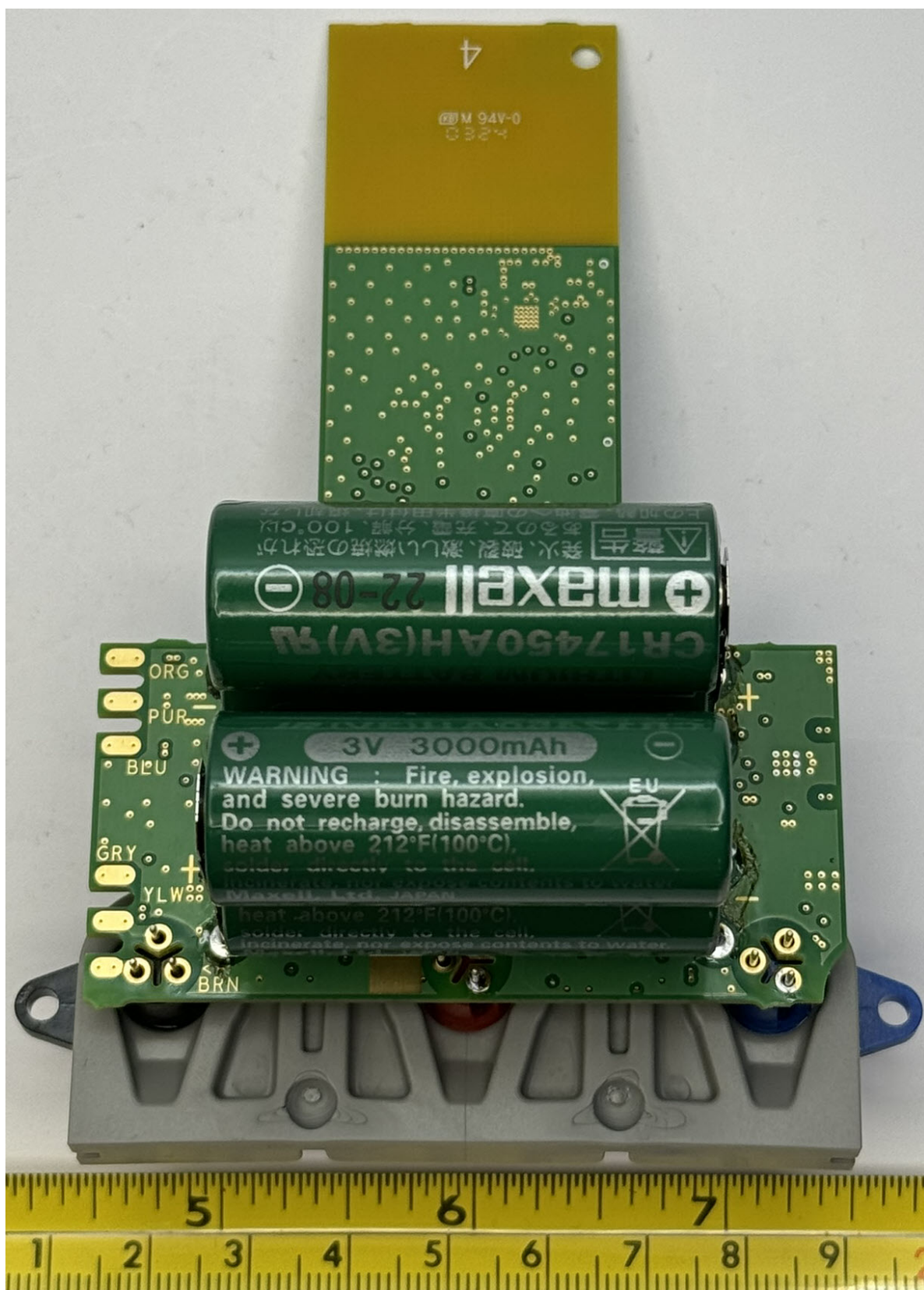


Figure 2.7: Pit 4-Battery, 3-Port - Back

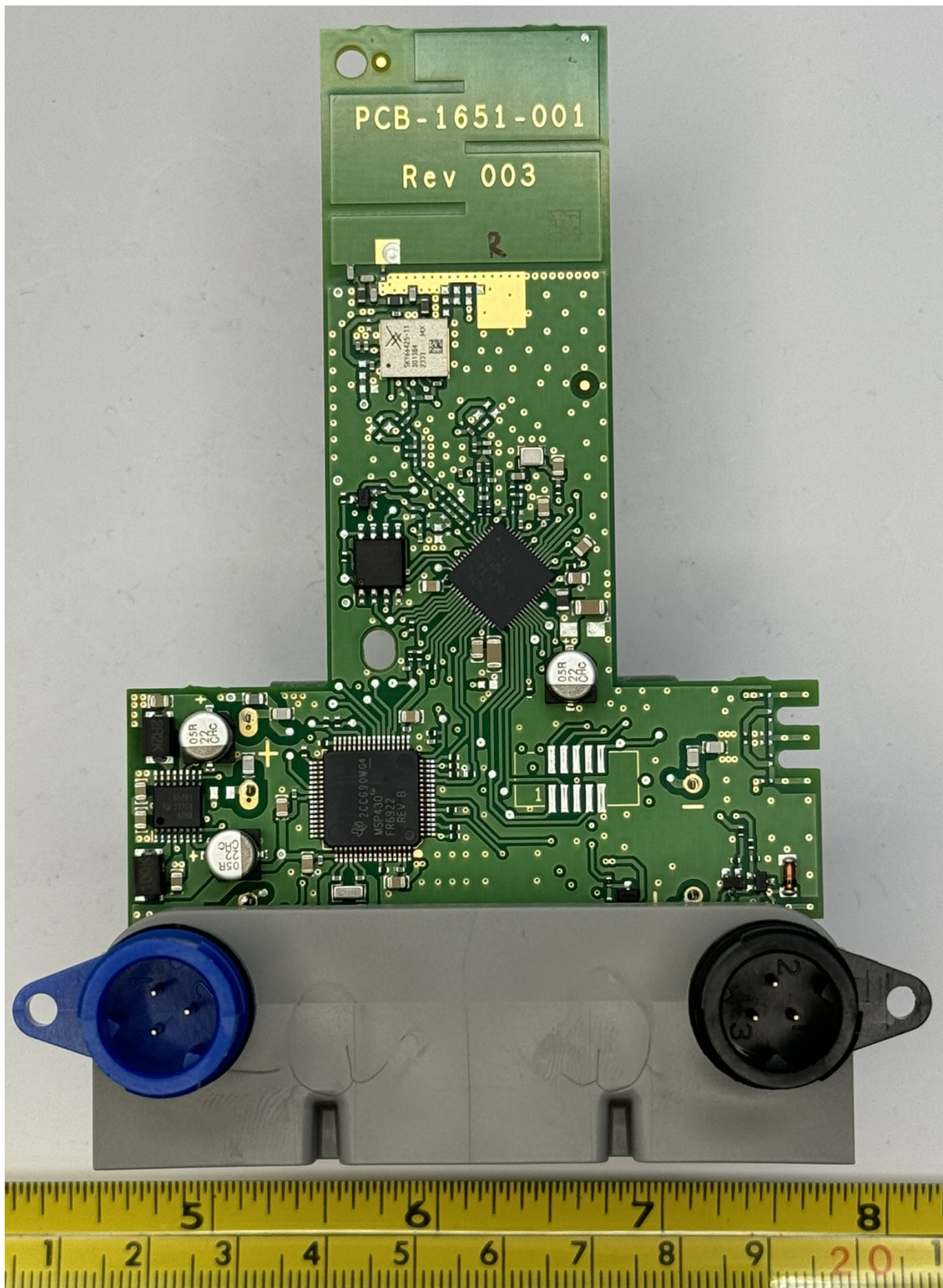


Figure 2.8: Pit 2-Port - Front



Figure 2.9: Pit 2-Battery, 3-Port - Back

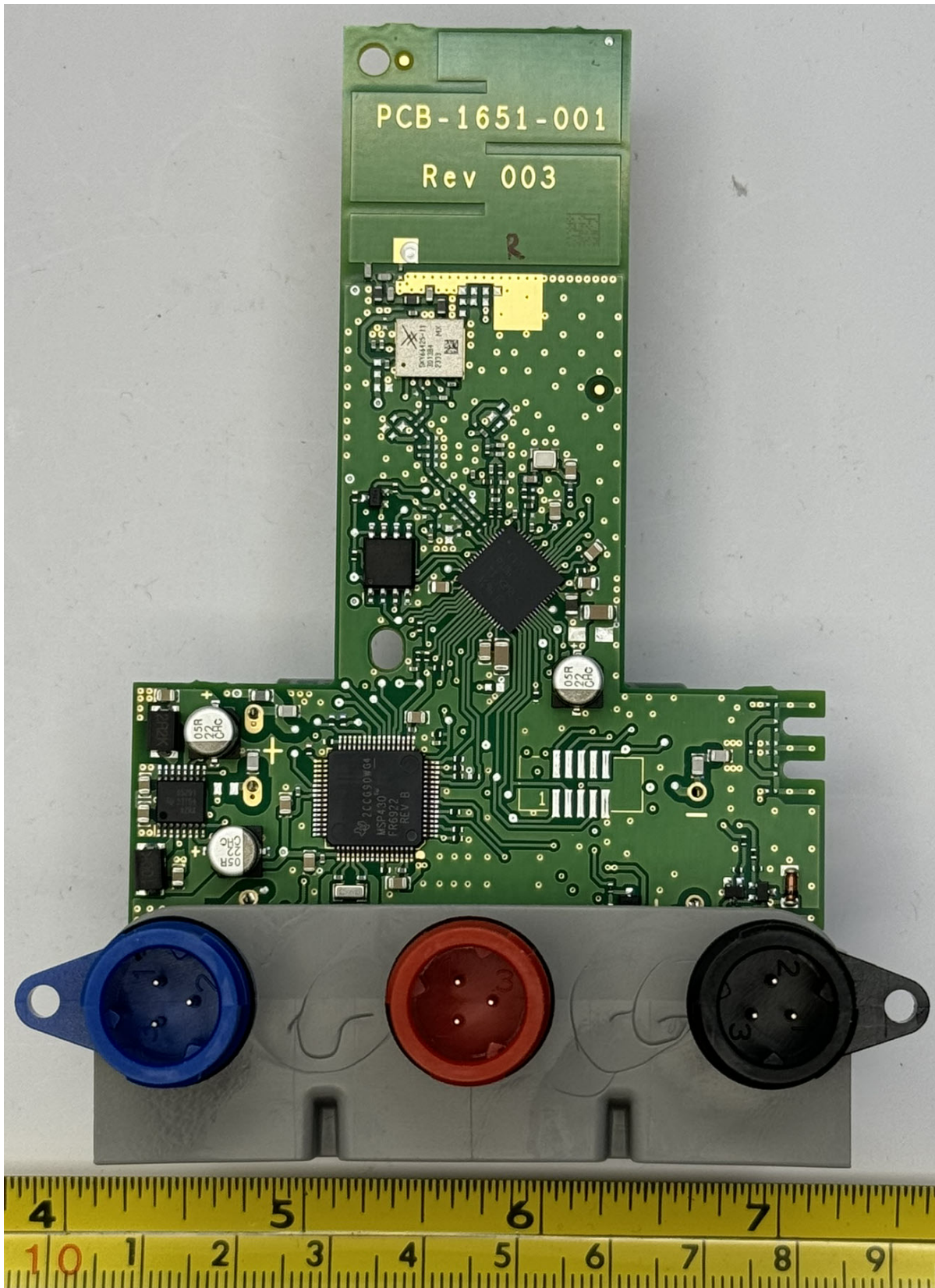


Figure 2.10: Pit 3-Port - Front