

Internal photos - WingtraRay

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Table of revisions

Revision	Change	Date
A	Creation of initial version	2025-03-20
B	Added more pictures specific to antennas and wiring	2025-05-14
C	Separate pictures for CM4 and WiFi module	2025-06-02

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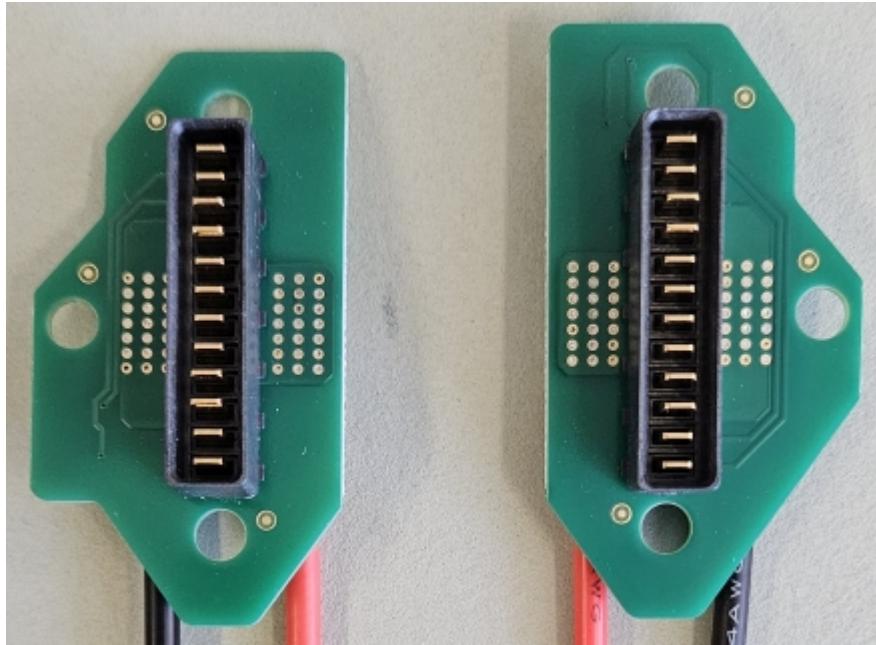
Introduction

The following PCBAs make up the WingtraRay electronics system. Excluded are Battery Management System (BMS) PCBA and the Battery Led (BatLed) PCBA contained in the smart battery because the battery is not in scope of the certification.

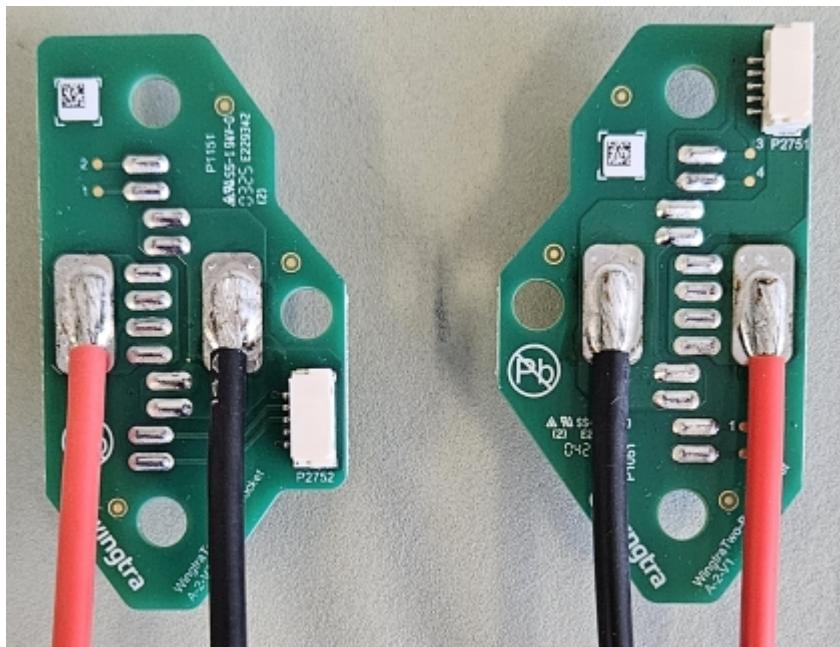
Payload specific PCBAs ([CCU](#) and [LCU](#)) are installed on the payloads which can be swapped in and out of the WingtraRay. Therefore, depending on payload configuration, either a CCU or an LCU is on board the WingtraRay.

Battery Sockets - Bat1Socket/Bat2Socket

Top



Bottom

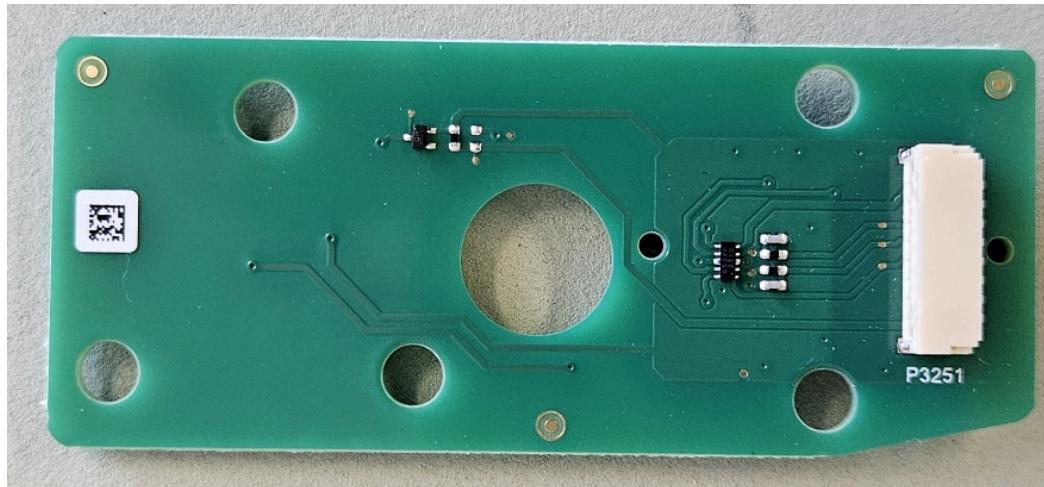


Nose Connector Board - NCB

Top



Bottom

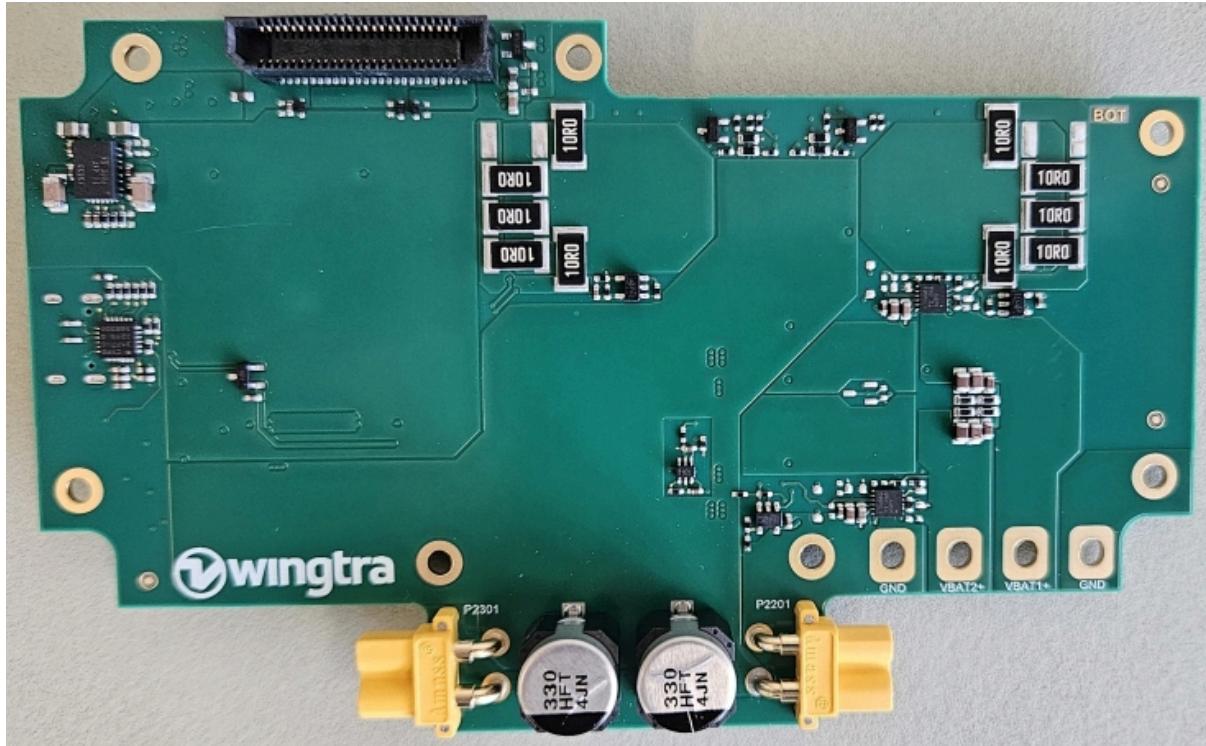


Power Distribution Board - PDB

Top

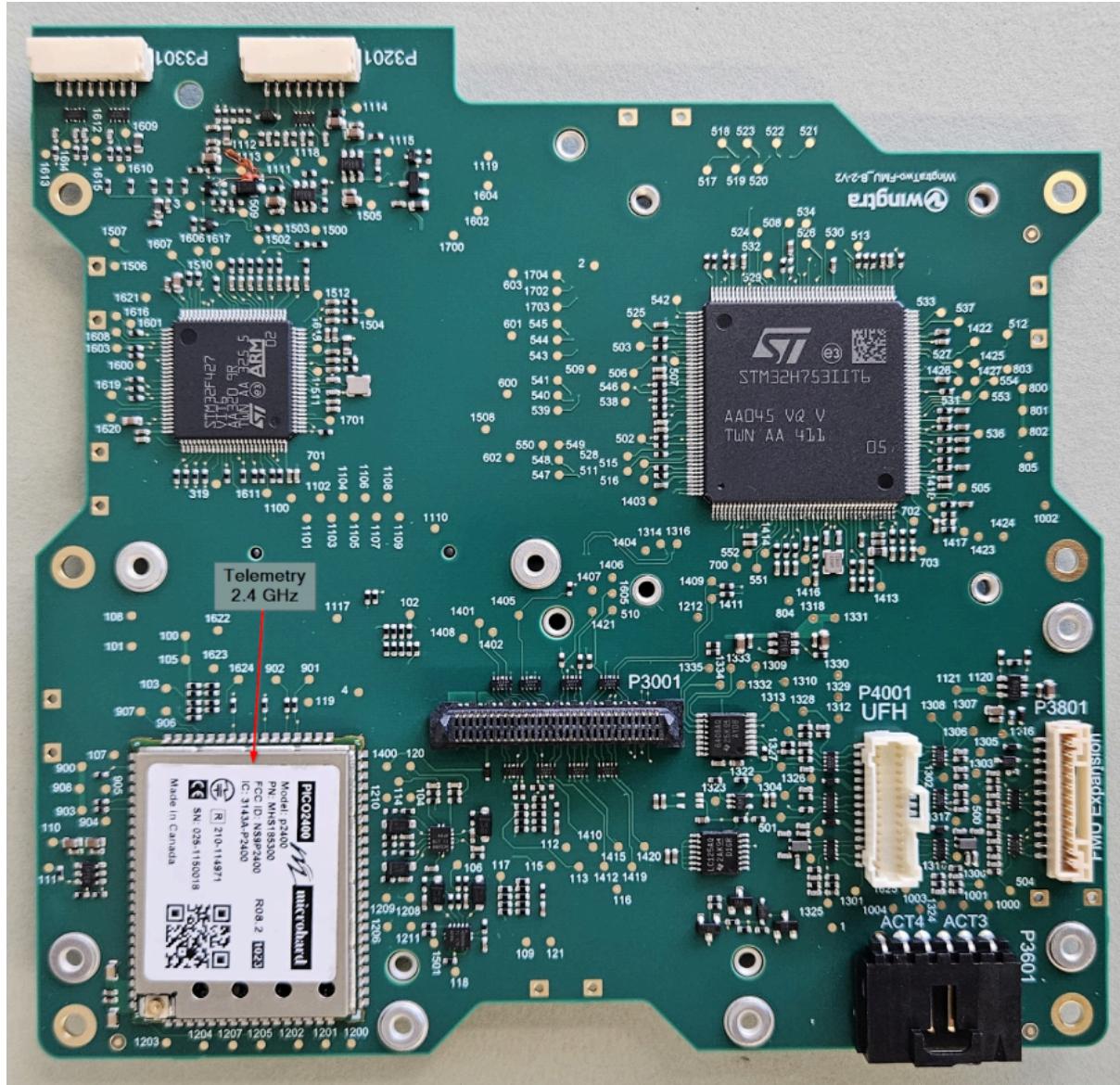


Bottom



Flight Management Unit - FMU

Top



Bottom

