



DRONE MANAGEMENT SYSTEM —

PROJECT OVERVIEW

A drone management system with integrated subsystem management, and power delivery/monitoring for use with unmanned vehicles.

KEY FEATURES

- Integrated Drone Management and Power Delivery in a single board
- Versatile I/O Interfaces for seamless subsystem integration
- Modular Architecture customizable to platform-specific needs

SPECIFICATION	DETAILS
Input power range	12-36 Vdc
Output power channels	Multiple outputs: 5 – 12 Vdc and 5 – 100 W
Features	On-board power monitoring
	On-board ethernet switch
	Built-in-test and health checking
	Power-up on demand
	Communication interfaces to subsystems and ground/launcher station
Communication interfaces	2 x RS-232
	4 x RS-485/RS-422
	1 x CAN
	1 x I2C
	2 x Ethernet 100base ports
	22 x Digital and Analog IO
Weight	280 g
Size	227 x 100 x 21 mm