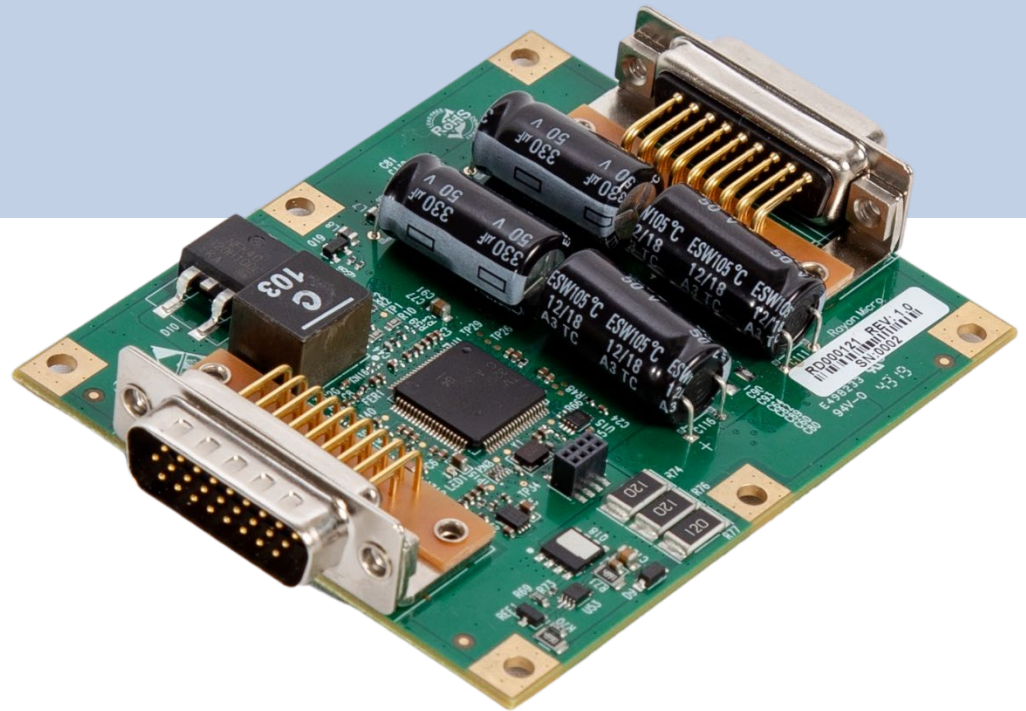




Document Title:	DSH - Datasheet	
Document PN & Revision:	RRDSH000012	Rev: 1.4
Project Name	Rayon Single Board	
Catalog number	RD000121, RD000181	




RAYON Single Board

Board Level, High power
20A motor controller driver

DATASHEET



	Document Title:	Single Board Datasheet
	Document PN & Revision:	RRDSH000012 Rev: 1.4
	Project Name	Rayon Single Board
	Catalog number	RD000121, RD000181

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Disclaimer

This documentation was accurate and reliable at the time of its release. The manufacturer may revise product specifications and/or this document at any time without specifications of the product described in this manual without notification.

Product warranty

The Single Board warranty is valid for 12 months from the date of shipment, unless otherwise specified. The warranty will be invalidated if the customer fails to install, operate or maintain the product in accordance with the manufacturer's instructions.

Safety

To safely operate the Single Board, the manufacturer's safety guidelines must be strictly followed. These guidelines serve to keep your work area safe when operating the Rayon 70A and accompanying equipment.

WARNING

Before assembling and commissioning the drive, read all product documentation. Be sure to comply with all installation instructions and requirements. Improper handling of products can cause personal injury and equipment damage. The manufacturer takes no responsibility for any injury or damage caused by incorrect handling or use.

- Only qualified personnel are permitted to install, commission, and maintain this drive. A qualified person has the knowledge and permission to perform tasks such as transport, assembly, installation, and maintenance.
- Be sure all system components are connected to earth ground. Electrical safety is provided through a low-resistance earth ground connection.
- During operation the drive has electrically charged components and hot surfaces. Power cables can carry a high voltage even when the motor is not moving. To avoid the risk of personal injury or equipment damage, keep covers (of encased drives) closed during and after operation according to safety guidelines. After disconnecting the power source from the drive, wait at least 30 seconds before touching the drive.
- To avoid electric arcing and hazards to personnel and electric contacts, never disconnect or connect the product while the power source is energized.
- To prevent electrostatic damage, avoid contact with highly insulating materials, such as plastic and synthetic materials. Place the drive on a conductive surface and ground yourself to discharge any potential build-up of static electricity.


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