

APTER POWER PRODUCT GUIDE

MPRC

Measurement Processor Board

ABB AccuRay MPRC 086349-002 is a measurement processor board used in legacy quality-control scanning electronics. It coordinates measurement-processing functions within the assigned AccuRay platform position.

Manufacturer	ABB
Model	MPRC
Part number	086349-002
Product type	Measurement Processor Board
Product family	ABB AccuRay QCS
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

1. Installation identity and system fit

- AccuRay scanning platform electronics
- host communication path
- sensor interface boards
- platform power and backplane

Controlled configuration

Complete model	MPRC
Part number	086349-002
Product type	Measurement Processor Board
System family	ABB AccuRay QCS

2. Wiring, configuration and commissioning

- 1 Confirm part number 086349-002 before board removal.
- 2 Shut down the scanning electronics under the platform procedure.
- 3 Preserve board configuration and cable labels.
- 4 Run platform diagnostics and measurement checks after installation.

Commissioning hold point

Important Notice: MPRC 086349-002 must be matched by full board number, platform position and connected scanner-electronics configuration.

3. Application and functional verification

Paper-machine quality measurement

Executes measurement-processing tasks

Scanning-frame electronics service

Coordinates the assigned scanner electronics path

Profile-measurement processing

Exchanges data with the platform host interface

Legacy AccuRay platform maintenance

Provides board-level diagnostic indications for service

Associated system components

- AccuRay scanning platform electronics
- host communication path
- sensor interface boards
- platform power and backplane

4. Maintenance and replacement record

How is MPRC commissioned after installation?

Run the platform start-up diagnostics and verify measurement communication and scanner operation.

What maintenance inspection applies to MPRC?

Inspect backplane contacts, connector seating, cooling path and diagnostic indications.

Can an 086444-series MPRC replace MPRC 086349-002 directly?

No direct substitution should be made without an ABB platform engineering comparison.

What record should follow MPRC replacement?

Record the removed and installed part numbers, board position, configuration and diagnostic results.

ASK FOR QUOTE

Contact sales13@apterpower.com or +86 180 3023 5313.