

ABB DSQC335 3HAB6182-1

Complete Product Information

ABB DSQC335 3HAB6182-1 provides a CPU-board function in a maintained ABB robot-controller configuration.

WHAT THIS PRODUCT DOES

ABB DSQC335 3HAB6182-1 is a robot CPU board used in legacy ABB controller hardware. Its processor-board position coordinates controller execution within the installed robot system.

Product characteristic 1

Exact identification links DSQC335 with part number 3HAB6182-1.

Product characteristic 2

Provides processor-board hardware for the controller execution path.

Product characteristic 3

Memory, configuration and rack details must be preserved before replacement.

Product characteristic 4

Commissioning verifies controller startup and the affected motion-control functions.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Hardware type	Robot CPU board
Part number	3HAB6182-1
System domain	ABB robot controller
Service focus	Processor hardware and controller execution

IMPORTANT NOTICE

Verify the complete ABB DSQC335 3HAB6182-1 marking, installed position and mating interfaces before installation.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.



Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Hardware type	Robot CPU board
Part number	3HAB6182-1
System domain	ABB robot controller
Service focus	Processor hardware and controller execution

FEATURE INTERPRETATION

Product identity Exact identification links DSQC335 with part number 3HAB6182-1.	System role Provides processor-board hardware for the controller execution path.
Service context Memory, configuration and rack details must be preserved before replacement.	Return-to-service focus Commissioning verifies controller startup and the affected motion-control functions.

SIGNAL OR CONTROL PATH



This robot cpu board belongs to a defined hardware position in an ABB robot-control installation. Match the installed label, connectors, slot and service record before commissioning.

PRODUCT-PAGE TECHNICAL QUESTIONS

How is ABB DSQC335 3HAB6182-1 classified?	It is a robot CPU board for legacy ABB controller hardware.
Which part number must appear with DSQC335?	The exact product in this publication uses part number 3HAB6182-1.
What controller records should be saved before service?	Save the application, configuration, installed-slot details and connection record required for recovery.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

CPU-board service Replace the documented processor board while preserving the controller arrangement.	Legacy robot recovery Restore the saved application and configuration after approved hardware work.
Rack inspection Check the CPU slot, backplane and cooling condition during cabinet maintenance.	Execution validation Confirm startup, communication and controlled motion before production release.

APPLICATION VERIFICATION MAP

CPU-board service	Confirm the documented system position and the required operating function.
Legacy robot recovery	Compare the restored connection or control path with the approved record.
Rack inspection	Check the physical interface and the retained configuration before startup.
Execution validation	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	Connection record Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	Acceptance record Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

What controller records should be saved before service?	Save the application, configuration, installed-slot details and connection record required for recovery.
Which hardware details should be photographed?	Photograph memory components, connector orientation, rack position and any visible board settings.
What ESD control applies to ABB DSQC335 3HAB6182-1?	Handle the unpowered board only at an ESD-safe workstation using the site's approved precautions.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Confirm the complete product marking and the recorded controller position before removal.
- 02 Save the controller configuration and maintenance record required by the site procedure.
- 03 Label every connector and photograph its orientation before disconnection.
- 04 Isolate controller power and apply electrostatic-discharge controls before handling the board.
- 05 Inspect the slot, backplane, connector contacts and retention hardware before installation.
- 06 Restore only the documented cable routes, board settings and mechanical supports.
- 07 Check controller diagnostics and board indications during controlled startup.
- 08 Validate the affected robot function and interlocks before enabling automatic operation.

FREQUENTLY ASKED TECHNICAL QUESTIONS

How is ABB DSQC335 3HAB6182-1 classified?	It is a robot CPU board for legacy ABB controller hardware.
Which part number must appear with DSQC335?	The exact product in this publication uses part number 3HAB6182-1.
What controller records should be saved before service?	Save the application, configuration, installed-slot details and connection record required for recovery.
Which hardware details should be photographed?	Photograph memory components, connector orientation, rack position and any visible board settings.

IMPORTANT NOTICE

Release the product only after identity, connection records, diagnostics and functional response are accepted.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

What ESD control applies to ABB DSQC335 3HAB6182-1?	Handle the unpowered board only at an ESD-safe workstation using the site's approved precautions.
How is CPU-board seating checked?	Confirm full backplane engagement, mechanical retention and unobstructed cabinet cooling.
What should the controller show after startup?	The controller should complete its expected boot sequence without a processor or communication fault.
What final test applies to the DSQC335 processor position?	Verify the restored program, I/O, interlocks and controlled robot response before automatic operation.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Cross-checked exact-item records consistently pair DSQC335 with 3HAB6182-1 as ABB robot CPU hardware.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTERPOWER

ABB 3HAC021799-003	Related product reference. Review the complete ordering string before selection.
ABB DSQC223 YB560103 BD/4	Related product reference. Compare the required interface and system position.
ABB DATX 100 3ASC25H208	Related product reference. Confirm the execution independently for the intended task.

APTERPOWER SALES TEAM
 WhatsApp / Phone: +86 180 3023 5313
 Email: sales13@apterpower.com
 Scan the approved WhatsApp code for model-specific support.

