

PU513V2 3BSE013034R1

Dual MB300 RTA

ABB PU513V2 3BSE013034R1 is an ISA real-time accelerator board with dual MasterBus 300 channels, used in an AdvaCommand UNIX workstation for connection to an MB300 control network.

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	PU513V2 3BSE013034R1
Product role	Dual MB300 RTA
System family	800xA Advant Master

Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

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Technical Specifications

PARAMETER	VERIFIED VALUE
Product identity	PU513V2
ABB item	3BSE013034R1
Product type	Real-time accelerator board
Host bus	ISA
Network channels	Dual MasterBus 300

PARAMETER	VERIFIED VALUE
Host platform	AdvaCommand UNIX workstation
Network role	Connection to the MB300 control network
800xA reuse	Not reused in the connectivity server
800xA replacement	PU410

Engineering boundary

Record the AdvaCommand workstation, ISA slot, both MB300 channels and installed communication configuration. ABB states that PU513V2 is not reused in an 800xA connectivity server and is replaced there by PU410.

Identity Acceptance

CONTROL	VERIFIED VALUE
Product identity	PU513V2
ABB item	3BSE013034R1
Product type	Real-time accelerator board
Host bus	ISA

Functions and Applications

Dual MB300 channels Provides two documented MasterBus 300 communication channels.	Real-time acceleration Supports the RTA communication function in the AdvaCommand workstation.
ISA host interface Connects through the documented ISA workstation bus.	Migration boundary Requires PU410 rather than board reuse in an 800xA connectivity server.

Common Applications

APPLICATION	ENGINEERING CONTEXT
AdvaCommand communication	Connects an AdvaCommand UNIX workstation to the MB300 control network.
Dual-channel MB300	Provides the two documented network channels for controlled communication.
Legacy RTA replacement	Replaces the same PU513V2 identity in a compatible ISA host.
800xA migration	Uses the documented PU410 replacement path for a connectivity server.

Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify ABB PU513V2 3BSE013034R1 before work.
2	Record the AdvaCommand workstation and ISA slot assignment.
3	Back up both MB300 channel settings and node records.
4	Label both network connections before removing the board.
5	Use ESD controls and inspect the ISA connector before insertion.
6	Do not install PU513V2 in an 800xA connectivity server as a reused board.
7	Use the ABB-documented PU410 migration path where applicable.
8	Verify both MB300 channels and workstation communication before release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is ABB PU513V2 3BSE013034R1?	It is an ISA real-time accelerator board with dual MasterBus 300 channels.
Which host uses ABB PU513V2 3BSE013034R1?	ABB documents the board in an AdvaCommand UNIX workstation.
How many MB300 channels does ABB PU513V2 3BSE013034R1 provide?	It provides two MasterBus 300 channels.
Which host bus does ABB PU513V2 3BSE013034R1 use?	ABB identifies PU513V2 as an ISA RTA board.

Related Products

MODEL	APTER POWER PAGE
ABB 07DI92	View ABB 07DI92
ABB 07KT92 JR5250500R0902	View ABB 07KT92 JR5250500R0902
ABB 07KR91 GJR5250000R0101	View ABB 07KR91 GJR5250000R0101
ABB 07KP90 GJR5251000R0202	View ABB 07KP90 GJR5251000R0202

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What network does ABB PU513V2 3BSE013034R1 connect to?	It connects the workstation to the MB300 control network.
Can ABB PU513V2 3BSE013034R1 be reused in an 800xA connectivity server?	No. ABB states that PU513V2 cannot be reused in that server role.
What replaces ABB PU513V2 3BSE013034R1 in an 800xA connectivity server?	ABB identifies PU410 as the replacement RTA unit.
What confirms ABB PU513V2 3BSE013034R1 commissioning?	The host, slot, both MB300 channels and workstation communication must match the approved record.

Related Products and Release

MODEL	APTER POWER PAGE
ABB 07EB62R1 GJV3074342R1	View ABB 07EB62R1 GJV3074342R1
ABB 07KP60R101 GJV3074360R101	View ABB 07KP60R101 GJV3074360R101
ABB 07NG61R1 GJV3074311R1	View ABB 07NG61R1 GJV3074311R1
ABB 07PS62R2 GJV3074332R2	View ABB 07PS62R2 GJV3074332R2

MANUFACTURER SOURCE RECORDS

1. ABB PU513V2 3BSE013034R1 Official Product Record
2. ABB 800xA for Advant Master Configuration 3BSE030340

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