Force Computers SYS68K-CPU-30BE16-REV-3

TECHNICAL REFERENCE / EXACT-MODEL ENGINEERING FILE

Force Computers SYS68K-CPU-30BE16-REV-3 is identified as a vmebus cpu board for the Force Computers SYS68K VMEbus platform. The complete marking and installed interface arrangement must be matched before replacement.

01 Product position and evidence boundary

Complete identity	SYS68K-CPU-30BE16-REV-3
Product type	VMEbus CPU Board
System position	Force Computers SYS68K VMEbus platform
Evidence scope	The complete label establishes the CPU-30BE16 Rev 3 identity and VMEbus CPU role; later revision values are not transferred to this board.

Decision snapshot

Identity control
Compare SYS68K-CPU-30BE16-REV-3 with the installed label and applicable Force Computers documentation.

Interface control
Photograph and label carriers, terminals, cables and keying before removal.

Configuration control
Archive applicable Force Computers SYS68K VMEbus platform settings before replacement.

Acceptance control
Use an approved functional test and retain as-left diagnostic and acceptance evidence.

Related product references

- B&R 8V1022.001-2
- Fanuc A20B-3300-0281/04B
- General Electric IC695PNC001
- General Electric DS200TBCAG1AAB
- Hardy 1746-WS
- HMS AB5030-B
- ABB DO801 3BSE020510R1
- Bently Nevada 3300/47

Engineering record prompts

Nameplate record	Capture the complete marking, visible revision and installed position before removal.
Connector record	Photograph every used connector, cable label, keying feature and shield termination.
Host record	Identify the carrier, rack, drive, chassis or operator station that owns the installed position.

02 Verified technical data

The complete label establishes the CPU-30BE16 Rev 3 identity and VMEbus CPU role; later revision values are not transferred to this board.

Complete order code	SYS68K-CPU-30BE16-REV-3
Product type	VMEbus CPU Board
System context	Force Computers SYS68K VMEbus platform

Exact-model interpretation

Complete identity	Use SYS68K-CPU-30BE16-REV-3 as one complete reference in the quotation, service record and acceptance file.
Installed position	Record the exact host position and functional ownership within the Force Computers SYS68K VMEbus platform.
Physical execution	Compare artwork, connectors, keying, terminal hardware and orientation with the removed assembly.
Configuration boundary	Preserve the applicable project, address, firmware or hardware-setting record before removal.

Related product references

General Electric IC695PNC001
General Electric DS200TBCAG1AAB
Hardy 1746-WS
HMS AB5030-B
ABB DO801 3BSE020510R1
Bently Nevada 3300/47
B&R 8V1022.001-2
Fanuc A20B-3300-0281/04B

Engineering record prompts

Host record	Identify the carrier, rack, drive, chassis or operator station that owns the installed position.
Configuration record	Archive the applicable project, address, parameter, firmware or hardware-setting evidence.
Supply-scope record	List terminal blocks, carriers, plugs, cables and accessories separately in the quotation.
Baseline result	Record initial indications, diagnostics and the controlled-system condition before work.
Identity decision	Approve only the complete order code and observed execution; do not shorten the family name.
Interface decision	Confirm connector count, orientation, pin ownership and field wiring against the as-found map.

03 Interfaces and installed-system relationship

Board family	SYS68K/CPU-30
Memory execution marker	BE16
Hardware revision	REV-3

Application and compatibility decisions

Installed-system replacement
Compare the exact code, host position and connected interfaces with the removed item.

Planned maintenance
Capture the as-found label, indications and configuration before disturbing the installation.

Controlled commissioning
Restore documented connections and prove the intended signal, communication or control response.

Spare qualification
Keep revision, configuration and acceptance evidence with the spare-part record.

System relationship

The complete SYS68K-CPU-30BE16-REV-3 marking identifies the offered vmebus cpu board. Record the removed item, host position and connected hardware so the comparison uses the actual installed boundary rather than a shortened family name.

Within the Force Computers SYS68K VMEbus platform, evaluate SYS68K-CPU-30BE16-REV-3 together with its carrier, terminals, cables and applicable project or hardware settings. Preserve the as-found interface map and revision evidence; a mechanically similar item is not automatically equivalent.

Related product references

- Hardy 1746-WS
- HMS AB5030-B
- ABB DO801 3BSE020510R1
- Bently Nevada 3300/47
- B&R 8V1022.001-2
- Fanuc A20B-3300-0281/04B
- General Electric IC695PNC001
- General Electric DS200TBCAG1AAB

Engineering record prompts

Supply-scope record	List terminal blocks, carriers, plugs, cables and accessories separately in the quotation.
Baseline result	Record initial indications, diagnostics and the controlled-system condition before work.
Identity decision	Approve only the complete order code and observed execution; do not shorten the family name.
Interface decision	Confirm connector count, orientation, pin ownership and field wiring against the as-found map.

04 Configuration and diagnostic logic

Verification boundary	Match revision, artwork, connectors and installed VMEbus position

Product-specific diagnostic starting points

Identity	Confirm the complete marking, artwork and installed position.
Interface map	Restore connectors and cables only from the approved as-found record.
Controlled power-up	Observe host and unit indications before enabling the process function.
Functional proof	Test the intended vmebus cpu board role and retain diagnostics with the handover.

Engineering questions

How should SYS68K-CPU-30BE16-REV-3 be identified before replacement?	Compare the complete SYS68K-CPU-30BE16-REV-3 marking, visible revision, installed position and the documented vmebus cpu board role. Do not approve a shortened family reference.
What evidence should be recorded before removing SYS68K-CPU-30BE16-REV-3?	Photograph the complete label, connectors, cable routes, status indications and host position for SYS68K-CPU-30BE16-REV-3; retain the current Force Computers SYS68K VMEbus platform record.
How should the interfaces for SYS68K-CPU-30BE16-REV-3 be checked?	Map every connector, terminal and cable used by SYS68K-CPU-30BE16-REV-3 to the as-found record, then verify keying, shielding and interface ownership before reconnection.

Related product references

- Fanuc A20B-3300-0281/04B
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- ABB DO801 3BSE020510R1
- Bently Nevada 3300/47
- B&R 8V1022.001-2

Engineering record prompts

Connector record	Photograph every used connector, cable label, keying feature and shield termination.
Host record	Identify the carrier, rack, drive, chassis or operator station that owns the installed position.
Configuration record	Archive the applicable project, address, parameter, firmware or hardware-setting evidence.
Supply-scope record	List terminal blocks, carriers, plugs, cables and accessories separately in the quotation.

05 Acceptance, lifecycle and handover

How can a suspected SYS68K-CPU-30BE16-REV-3 fault be separated from an external fault?	Check host power, mating hardware, field wiring and the applicable signal or communication path before controlled substitution of SYS68K-CPU-30BE16-REV-3.
What should be verified after installing SYS68K-CPU-30BE16-REV-3?	Confirm normal indications, interface continuity and the intended vmebus cpu board response for SYS68K-CPU-30BE16-REV-3 in an approved test state.
Can SYS68K-CPU-30BE16-REV-3 be replaced by a similar-looking unit?	Appearance is not an equivalence criterion for SYS68K-CPU-30BE16-REV-3; compare the complete order code, revision, connectors and installed configuration.

Lifecycle Status

SYS68K-CPU-30BE16-REV-3 status	A current lifecycle phase for this complete order code has not been confirmed.
Support and replacement	Match the complete identity, hardware execution and installed configuration when planning service.
Apter Power availability	The offered quantity and dispatch date are confirmed in the quotation.

Evidence and applicability

Evidence scope	The complete label establishes the CPU-30BE16 Rev 3 identity and VMEbus CPU role; later revision values are not transferred to this board.
Installation boundary	The exact installed carrier, terminals, cables and project configuration remain site-specific.
Technical reference	Complete supplied marking and Force Computers CPU-30 family records

Related product references

- General Electric DS200TBCAG1AAB
- Hardy 1746-WS
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- B&R 8V1022.001-2
- Fanuc A20B-3300-0281/04B
- General Electric IC695PNC001

Engineering record prompts

Configuration record	Archive the applicable project, address, parameter, firmware or hardware-setting evidence.
Supply-scope record	List terminal blocks, carriers, plugs, cables and accessories separately in the quotation.
Baseline result	Record initial indications, diagnostics and the controlled-system condition before work.

Discuss the complete SYS68K-CPU-30BE16-REV-3 marking with Apter Power.

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Scan the WhatsApp QR to share nameplate and installed-system evidence.