Force Computers CPU-30ZBE

TECHNICAL REFERENCE / EXACT-MODEL ENGINEERING FILE

Force Computers CPU-30ZBE is identified as a vmebus single-board computer 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	CPU-30ZBE
Product type	VMEbus Single-Board Computer
System position	Force Computers SYS68K VMEbus platform
Evidence scope	The catalog establishes the CPU-30ZBE board identity and VMEbus role; revision-specific electrical values are not assigned to the offered label.

Decision snapshot

Identity control
Compare CPU-30ZBE 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 catalog establishes the CPU-30ZBE board identity and VMEbus role; revision-specific electrical values are not assigned to the offered label.

Complete order code	CPU-30ZBE
Product type	VMEbus Single-Board Computer

Exact-model interpretation

Complete identity	Use CPU-30ZBE 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

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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.
Configuration decision	Restore only settings supported by the approved installed-system record.

03 Interfaces and installed-system relationship

System context	Force Computers SYS68K VMEbus platform
Board family	SYS68K/CPU-30

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 CPU-30ZBE marking identifies the offered vmebus single-board computer. 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 CPU-30ZBE 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

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- HMS AB5030-B
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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.
Configuration decision	Restore only settings supported by the approved installed-system record.

04 Configuration and diagnostic logic

Execution	CPU-30ZBE
Verification boundary	Match board 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 single-board computer role and retain diagnostics with the handover.

Engineering questions

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

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- 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.

05 Acceptance, lifecycle and handover

How can a suspected CPU-30ZBE 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 CPU-30ZBE.
What should be verified after installing CPU-30ZBE?	Confirm normal indications, interface continuity and the intended vmebus single-board computer response for CPU-30ZBE in an approved test state.
Can CPU-30ZBE be replaced by a similar-looking unit?	Appearance is not an equivalence criterion for CPU-30ZBE; compare the complete order code, revision, connectors and installed configuration.

Lifecycle Status

CPU-30ZBE 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 catalog establishes the CPU-30ZBE board identity and VMEbus role; revision-specific electrical values are not assigned to the offered label.
Installation boundary	The exact installed carrier, terminals, cables and project configuration remain site-specific.
Technical reference	Force Computers SYS68K/CPU-30 hardware catalog and complete supplied marking

Related product references

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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.
Identity decision	Approve only the complete order code and observed execution; do not shorten the family name.

Discuss the complete CPU-30ZBE marking with Apter Power.

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