

Does the ST40 have an Ethernet interface



Overview

The STMicroelectronics ST40 Evaluation Board (henceforth just "ST40EB") has an ST40RA166XH processor, 32MB of external SDRAM, 4MB of external flash memory, an STE10/100A ethernet controller with integrated PHY (Intel i21143/DEC Tulip compatible), two 9-pin SCIF serial. The STMicroelectronics ST40 Evaluation Board (henceforth just "ST40EB") has an ST40RA166XH processor, 32MB of external SDRAM, 4MB of external flash memory, an STE10/100A ethernet controller with integrated PHY (Intel i21143/DEC Tulip compatible), two 9-pin SCIF serial. The ST40 meter has extensive memory for storing load profiles, system events, limits, and alarms. It has either RS485 or Ethernet communication, supporting Modbus or Bacnet/IP protocols, that brings data back to existing software or directly to EIG's EnergyPQA. This is a perfect solution for a retrofit. The ST40 Micro Toolset is a cross-development system for developing and debugging C and C++ embedded applications on STMicroelectronics' ST40 range of products. All ST40 devices include the user debug interface (UDI), available through the JTAG port of the device, which provides on-chip emulation. 95-Gallon (360 liter) Coolant Tank with 1 hp (0.75 kW) pump; flows 12 gpm @ 30 psi (45 L/min @ 2 bar) @ 60 Hz, and features a multi-section labyrinth design that prevents chips from reaching the coolant pump. Note: The UMC-500 and UMC-500SS require a hopper-style chip bin to clear the 95-gallon. Electro Industries Shark ST40 meter helps users monitor and analyze electrical power consumption, providing valuable insights for energy management and cost savings. With its advanced features, the Shark ST40 streamlines the process of data collection, allowing users to make informed decisions.

Article Content

SH-4 ST40 System Architecture Guide | PDF

As the interface between the interconnect and the modules is highly standardized, the issues associated with integrating families of peripherals with the ST40 processing ...

Haas Automation, Inc. CNC Lathes: 2-Axis ST-40

CNC Lathe; 25.5" x 44" (648 x 1118 mm) max capacity, 34.5" (876mm) swing, 40 hp (30 kW) vector drive, 2400 rpm, 2-speed gearbox, A2-8 spindle, 15" (381 mm) chuck, 12-station bolt-on turret, 15" ...

ST-40 | 15" Chuck | High-Performance Turning | Lathes ...

Haas machines destined for Europe and the UK are configured with an internal high-voltage non-isolated transformer to operate on 400 VAC, except the Desktop ...

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As the interface between the interconnect and the modules is highly standardized, the issues associated with integrating families of peripherals with the ST40 processing unit is simplified.

ST40 Micro Toolset

All ST40 devices include the user debug interface (UDI), available through the JTAG port of the device, which provides on-chip emulation capabilities such as code and data breakpoints, watchpoints and ...

Chapter 366. STMicroelectronics ST40 Evaluation Board Support

Either the alternative serial port, or another communication channel such as ethernet should be used instead. The serial driver package is loaded automatically when configuring for the ...

Electro Industries Shark ST40 Quick Start Manual | Manualzz

Note that your meter will have either RS485 OR Ethernet; it will always have a USB port. For Ethernet communication, connect first via the USB port and then see the ST40 User Manual for instructions on ...

ST40 Meter in Enclosure V.1

The enclosure can be ordered with an RS485 serial port communicating Modbus RTU and DNP3, an RJ45 Ethernet port communicating Modbus TCP/IP, or an RJ45 Ethernet port communicating ...

ST40 Meter Brochure V

The ST40 meter has extensive memory for storing load profiles, system events, limits, and alarms. It has either RS485 or Ethernet communication, supporting Modbus or Bacnet/IP protocols, that brings data ...

32-bit embedded superH device

The high connectivity of the ST40 through its PCI bus and its dual memory uses makes it a versatile device, ideal for data-intensive and high performance applications.

Siemens SIMATIC S7-200 SMART CPU ST40 6ES7 288-1ST40-0AA1

Communication Interfaces: Integrated Ethernet port for programming, data exchange, and remote access Additional Interfaces: Optional communication modules can be added for RS-485/Modbus ...

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