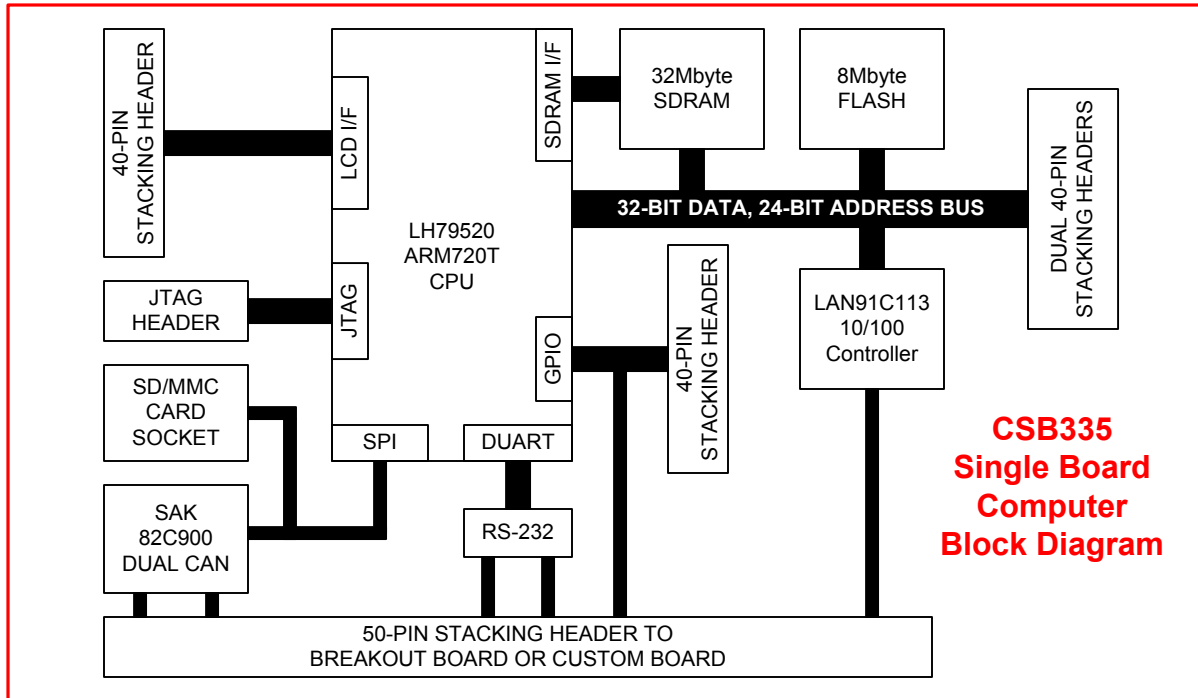


CSB335 - LH79520 SBC



Sharp LH79520

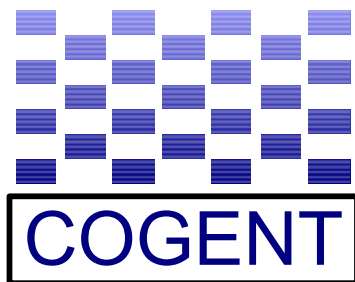
At the heart of the CSB335 lies the Sharp LH79520 Microprocessor with the proven performance and exceptional power consumption of its ARM 720T core. This ability, combined with the on-chip LCD Controller, Synchronous Serial and GPIO ports allows the LH79520 to form the basis of low-cost, high performance products for industrial automation, telematics, medical applications and many others.

The LH79520 Address and Data Bus as well as all unused GPIO are made available via .1" Stacking Headers. These headers are on .1" centers for easy mating with standard prototyping boards. All this, plus the SD Card, Dual CAN and 10/100 Ethernet Interface, make the CSB335 ideal for a wide variety of product design and development tasks.

See us on the web at www.microcross.com

CSB335 Specifications

- 74Mhz LH79520 ARM720T
- 32Mbyte SDRAM and 8Mbyte FLASH
- Dual RS-232 Ports
- Internal LCD Controller supports up to 800x600 TFT, HR-TFT and STN Displays
- SMC LAN91C113 10/100 Ethernet Interface
- Infineon SAK82C900 Dual CAN via SPI
- Secure Digital/MMC Card Socket via SPI
- Compact 3.20" x 3.50" Board
- Open Source Micromonitor Boot ROM
- Stacking Headers provide a Male Header (top) and Female socket (bottom) for ease of use
- Low Profile Version (Male Headers on top only) also available for OEM use
- Customized Versions along with OEM/ Academic Discounts are also available
- Optional Development Kit includes Power Supply, Cables and CSB300 Breakout Board



Microcross, Inc. is an OEM distributor of Cogent single board computer products.

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