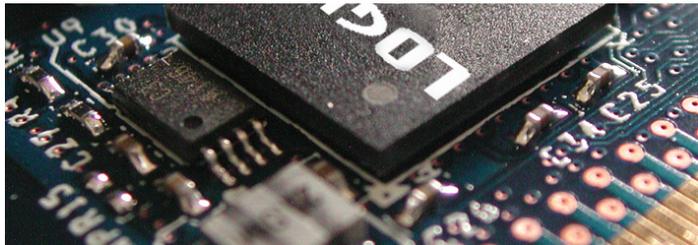


PRODUCT BRIEF:

Logic embedded product solutions

LH79520 IO Controller

Logic offers production-ready IO controller devices and design packages for customers creating custom Card Engine designs and CPLD code for Logic's Card Engines. Logic has optimized the VHDL code to fit in the smallest possible programmable logic device. This helps you stay focused on your high-value core technologies and fast forwards your embedded designs.



LOGIC WEBSITE :: DESIGN RESOURCES:

- + Logic Technical Support : <http://www.logicpd.com/support/>
- + Technical Discussion Group : <http://www.logicpd.com/support/tdg/>
- + Frequently Asked Questions (FAQ) : <http://www.logicpd.com/support/faq/>
- + For more information contact Logic Sales : product.sales@logicpd.com

Product Features

IO Controller written in VHDL and contains the following:

- + I2S (includes DMA)
- + SPI (parallel to SPI interface)
- + ISA-like bus interface
- + SMSC LAN91C111 wired LAN bus interface and power control logic
- + Buffer control logic
- + Chip select decoder logic
- + Interrupt encoder logic
- + Flash program control logic
- + Processor mode control logic
- + IC code revision register

Configuration Options

- + I2S interface to the codec can be set to 10- or 12-bit audio

Source Code

- + Includes all VHDL code (licensable .vhd source code files)

Support

- + VHDL IP Core Source Code Design Package includes the Bronze level support package



LOGIC

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