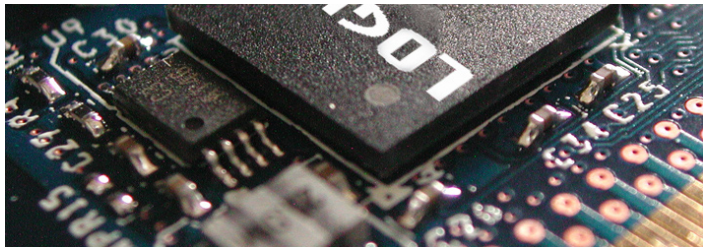


PRODUCT BRIEF:

Logic embedded product solutions

LH79524 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:

- +SPI interface to onboard EEPROMs and audio codec
- +CompactFlash card support (memory-mapped mode only)
- +ISA-like bus interface
- +Buffer control logic
- +Chip select decoder logic
- +Interrupt encoder logic
- +Flash program control logic
- +Processor mode control logic
- +IC code revision register
- +Additional GPIO
- +Status indicator signals
- +Onboard power management signals
- +Memory-mapped NAND flash controller

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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