Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

Logic PD, Inc.
CENGSH7760-10-503HC

For any questions, you can email us directly:
sales@integrated-circuit.com

WWW.LOGICPD.COM

SH7760 CARD ENGINE

The SH7760 Card Engine is a compact, product-ready hardware and software solution for developing embedded products with **less time, less cost, less risk ... more innovation.**

The SH7760 Card Engine is a complete System on Module offering essential features for handheld and embedded networking applications in the industrial, consumer, and medical markets. The use of custom base boards makes the Card Engine the ideal foundation for OEMs developing handheld and compact products. The Card Engine provides a common reference pin-out on its expansion connectors, which enables customers to easily scale to next generation microcontroller Card Engines when new funtionality or performance is required.

CARD ENGINE ADVANTAGE

- Reduce TIme to Market
  → 6 to 9 month savings
- Product-Ready Hardware Platform
- Production Quality Software
- Engineering Support

PRODUCT HIGHLIGHTS

- Ready to run Windows® CE BSP
- Bootloader/Monitor
- Custom Windows CE device driver development

ORDERING INFORMATION

- Zoom™ Starter Development Kit (Model # SDK-SH7760-10-6416)
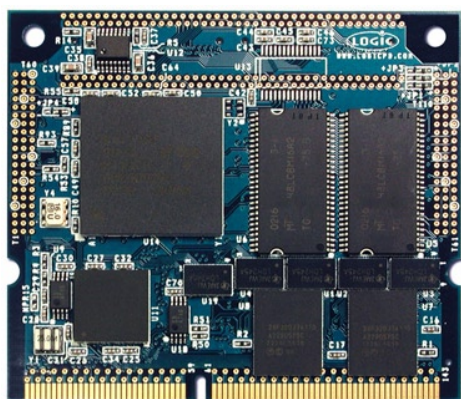
CUSTOMER SUPPORT

Logic provides technical support for Application Development Kits. Various support packages are available; contact us for more information.
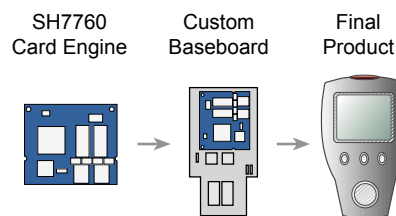
CONTACT

For more information on our Embedded Product Solutions, please contact Logic Sales at www.logicpd.com or 612.672.9495.

Actual Size (2.37" x 2.67")

SH7760 Card Engine → Custom Baseboard → Final Product

- **Processor** Renesas SH7760 32 bit SH-4 RISC microprocessor running at 198 MHz
- **SDRAM Memory** Up to 64 Mbytes
- **Flash Memory** Up to 32 Mbytes on board
- **Display** Programmable color LCD controller
  - Built in driver supports up to 640 x 480 x 8 bit color
  - Supports STN, Color STN, TFT, DSTN
- **Touch Screen** Four wire resistive touch controller (ADS7843)
- **Network Support** 10/100 BASE-T Ethernet controller (application/debug)
  - SMSC LAN 91C111 (MAC & PHY)
- **Audio** Audio Codec AC97 (Wolfson WM9708)
- **I2C**
- **PC Card Expansion**
  - CompactFlash Type 1 card (memory mode only)   - PCMCIA of CF (2 slots)
- **USB** One USB 1.1 Host
- **Serial Ports** 3 X 16C550 like, standard UARTS
- **Timers/Counters** Four Channels
- **A/D** Six Channels
- **CAN** Two Channels Ver. 2.0
- **GPIO** Programmable depending on peripheral requirements
- **SPI** Supports Motorola SPI
- **Software**
  - Windows™ CE BSP available
  - LogicLoader™ (bootloader/monitor)
- **Mechanical**
  - Compact Size: 2.37" (60.2 mm) long x 2.67" (67.8 mm) wide x 0.19" (4.9 mm) high
  - 144 pin SODIMM connector for connection to custom peripheral board
  - Two high density 80-pin expansion connectors for peripheral access
- **Application Development Kits**
  - Zoom™ Starter Development Kit (Model # SDK-SH7760-10-6416)

| APPLICATION DEVELOPMENT KITS | BSPs & SOFTWARE | SYSTEM ON MODULES | PRODUCT DEVELOPMENT SERVICES |