Cogent Computer Systems, Inc.
OEM Single Board Computers
Software Development Platforms
Custom Design and Manufacturing

RMI Raza Microelectronics, Inc.

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COGENT
"Always Complete"

PRODUCTS
- ARM9/11, CORTEX
- XSCALE
- POWERPC
- COLDFIRE
- MIPS/AU1xxx
- OS SUPPORT

TECH SUPPORT

OS/TOOLS PARTNERS

See our complete line of Low-Power, High-Performance SOM's at ESC Boston, Booth 1106, Sept. 22-23 2010

CSB7xx-Kit - CSB7xx Development Kit

The CSB7xx-Kit is designed to support all CSB7xx series System On a Module (SOM) boards. Based on the CSB703 with its built in 4.3" 480 x 272 LCD with Touch and LED Backlight, the CSB7xx-Kit turns

any CSB7xx SOM into a full featured, expandable software and hardware development platform. Each CSB7xx-Kit has the following features:

- CSB7xx series CPU Module with Micromonitor Boot loader and Linux or CE in Flash
- CSB703 with Integrated 4.3" 480 x 272 LCD Display
- 12V @ 1.25A Power Supply
- 10/100 Ethernet Cable
- DB9 male to DB9 male Serial Cable
- USB Type A Male to USB Type Mini-B Male Cable

Optional CSB908xx I/O Modules (some modules may not be valid with all CSB7xx SOM's):

- CSB908BC1 – 2-Cell Lithium-ION Battery Charger
- CSB908RS2 – Dual RS232 Serial I/O
- CSB908RS4 – Dual Isolated RS485 Serial I/O
- CSB908I2S – WM8731 I2S Codec w/Touch Controller
- CSB908VIP – TVP5150A NTSC/PAL SDTV Video Input Decoder
- CSB908CAN – Dual Isolated CAN Transceiver (can also be used with CSB703 SJA1000's)
- CSB908POE – IEEE802.3af 24W Power over Ethernet (PoE)

Optional CSB909xx LCD Display Options (some resolutions may not be valid with all CSB7xx SOM's):

- CSB909V6 - 6.5" 640x480 (VGA) LCD with Backlight and Touch Screen
- CSB909W7 - 7" 800x480 (Wide-VGA) LCD with LED Backlight and Touch Screen
- CSB909LV - 640x480 (VGA) to 1024x786 (XGA) LVDS Transmitter with Backlight Supply
- CSB909DV - 640x480 (VGA) to 1280x1024 (SXGA) DVI Transmitter

Windows® Embedded Gold Partner

Headlines

Cogent announces the new CSB17xx Family 1st member…more

Cogent announces the new CSB732 i.MX356 SOM…more

Cogent announces a Linux 2.6.24 BSP from Microcross for the CSB733, i.MX31 SOM…more

Cogent announces a Linux BSP from from Microcross for the CSB735, i.MX21 SOM…more

Cogent announces a CE6 BSP from Adeneo for the CSB737, AT91SAM9263 SOM…more

Cogent announces a new low cost development kit for the CSB7xx family of SOM boards…more

Cogent is proud to announce the CSB7xx SODIMM family of pinout compatible single board computers…more

Each kit also comes with:

- Access to documentation including reference manuals and CSB703 schematics (CPU schematics are extra and require a current NDA)
- bootloader source code
- 6 months warranty
- 6 months email support.

Order your kit today!

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