Press Release

Contacts: C.Okamura   RATOC Systems, Inc. / RATOC Systems International, Inc.
Okamura@rexpccard.co.jp
http://www.rexpccard.co.jp/english/
Date : July 21 1999   MacWorld/NY.

Subject: :

RATOC Systems,Inc announces the company has shipped over 1200 sets of FireWire CardBus PC Card *CBFW2* to Apple PowerBook market in past 30days.

RATOC Systems, Inc.(Osaka Japan) and *RATOC Systems International, Inc.*(SanJose, USA) have been shipping FireWire CardBus PC Card *CBFW2* to world wide market since June 10th. Also the company has been shipping over 1700 sets of IEEE1394 CardBus PC Card (*CBFW1*) to Japanese Windows98 laptop PC market. These products are first and best selling FireWire/IEEE1394 PC Card host adapter product and now getting the pole position of de facto standard of FireWire/IEEE1394 host adapter products. The company has two product line, one(*CBFW1*) is for Windows98/2K laptop market, and another one (*CBFW2*) is for Apple PowerBook market. At MacWorld/NY'99 the company is showing demo of *CBFW2* with non linear digital video editing software—Final Cut Pro, Adobe Premire5.1B and EditDV.

CBFW2 is developed for Apple PowerBook and MacOS8.6 with a lot of improvement of *CBFW1*, and it is based on latest FireWire(IEEE1394) hardware, software architecture and technologies. And provides the good connectivity with DVCAM, FireWire device and Digital Home Audio/Video Equipment to PowerBook user. The company usually contact to Japanese DVCAM manufacturers (SONY, Panaosonic, Canon, JVC, SHARP….) to continue compatibility testing.

The main features of *CBFW2* are:
  (1) Guarantee High performance.
     - OHCI 1.0 compliant architecture Link layer chip.
     - Supports totally 13 DMA ch.(include isochronous 4ch. Asycrounous 2ch.)
     - Supports Physical DMA and DMA Context processing engine.
      – These DMA engine reduces driver software overheads and provide high performance data transfer capability, multi channel isochronous transfer and large size SBP2 data packet.
     - 400Mbps 2ports PHY chip.
       Fully support the backward compatibility with 1394.1995 device.

(2) Guarantee quality.
- Ready for PCI Power Management 1.0, CardBus Power management 1.0 and ACPI.
- Includes PMCR(Power Management Capbility Registers) inside.
- Fully compliant PC Card standard 7.0 CardBus specifications.
  Electrical --- CardBus 3.3V bus buffer, control signals,
  Physical--- TypeII,
  Metaformat --- includes IEEE1494 Tuple.
– 5 years warranty PC Card (except dongle, cable).
(3) Guarantee user friendly feature.
- Provide Two FireWire ports(up to 400Mbps each) and optional cable power jack.
  If necessary, simply add optional Cable Power Adapter(Class_1, DC12V/1.5A).
(4) Compatibility.
- PowerBook G3/233, G3/250, G3/266, G3/292, G3/300, G3/333, G3/400
- MacOS8.6 or later.
- QuickTime4.0
- FireWire 2.1 or later.
- Video Editing software.
  Apple Final Cut Pro, Adobe Premire5.1B, Digital Origin EditDV 1.6.1
– DVCAM (Tested in our lab.)
  SONY
    DCR-TRV5/5E, DCR-TRV-7,DCR-TRV-9, DCR-TRV10,DCR-TRV110,
    DCR-TRV310K,DCR-TRV900,
    DCR-PC1,DCR-PC2,DCR-PC3,DCR-VX1000
    DVMC-DA1(Media Converter)
  Panasonic
  NV-C1,NV-C2,NV-C3,NV-DC100,NV-DJ100,NV-DS9
Canon
  Optura, Elura, Vistula, ZR, XL-1
JVC
  GR-DVX7

For more information, please access to http://www.rexpccard.co.jp/english/products/

Pricing and Availability
CBFW2 is already available in US, Europe, Asia and Japanese retail market.
The estimated street price in US is US$248, in Japan is 24,800 Yen.
Sales Contact information
Int-sales@rexpccard.co.jp
Int-support@rexpccard.co.jp
http://www.rexpccard.co.jp/english/

Europe, Asia,
RATOC Systems, Inc.
Atsushi Furuichi / International sales division.
1-6-14 Shikitsuhigashi Naniwa-ku Osaka, Japan 556-0012
     phone: +816-6633-2332   fax: +816-6633-8295

USA, Canada, South America
RATOC Systems International, Inc.
1933 O'Toole Avenue Suite A109 SanJose, CA USA 95131
     phone: (408)-955-9400   fax: (408)-955-9402
Sole-Sales Rep. in USA
Sys-Key International

Shinji Kichise, Tai Kurita.
1933 O'Toole Avenue Suite A109 SanJose, CA 95131
 phone:(408)-955-9229   fax: (408)-955-9402

Company profile.

 RATOC Systems, Inc was founded in 1983. The company has 9 years experience of PC Card(PCMCIA products.) business, developing hardware and software, manufacturing, sales to both retail and OEM market in Japan. They design original ASIC for PC Card, hardware and develop Device Driver, utility and application software for DOS,Windows and MacOS market. The company have shipped over half million PC Cards and 0.3 million PCI board products. The company is famous in Japan as one of leading PC Card company, also is a member company of PCMAIA,JEIDA, PCI SIG, USB IF, CFA and SSFDC forum, and all products are compliant these standards. The company founded it's subsidiary company in USA in February '99 and started to sell to world wide market.