

# CTX918 V.2 analogTV/Modem Combo Card

## Product Specification

### Main Chip

FMD1216ME, Philips SAA7134HL, SV92PL, CSP1034S

### Features:

TV Channel

Analog Multi-Standard TV Broadcast reception with auto-scan capabilities

NICAM

Support NICAM and A2

Teletext

VBI supports Teletext

FM Radio

Supported

FM Channel

FM Auto Search Tuning capable

Softmodem

Up to 56kbps V.92 data rate

### TV System

Supports worldwide TV broadcasting PAL, B/G/D/K/I & SECAM L/L'

#### CHANNEL COVERAGE

| BAND          | FREQUENCY (MHz)       |
|---------------|-----------------------|
| FM radio band | 87.50 to 108.00 MHz   |
| Low band      | 48.25 to 158.000 MHz* |
| Mid band      | 160.00 to 442.00 MHz  |
| High band     | 442.00 to 863.25 MHz  |

\*Can cover down to 45.75 MHz (CH A for Ireland)

#### INTERMEDIATE FREQUENCIES supported

| SYSTEM                                    |  | L     | L'    | B/G   | D/K   | I      |
|-------------------------------------------|--|-------|-------|-------|-------|--------|
| Picture carrier<br>Or<br>Center Frequency |  | 38.90 | 33.95 | 38.90 | 38.90 | 38.90  |
| Color                                     |  | 34.47 | 38.38 | 34.47 | 34.47 | 34.47  |
| Sound 1                                   |  | 32.40 | 40.40 | 33.40 | 32.40 | 32.90  |
| Sound 2                                   |  | -     | -     | 33.16 | -     | -      |
| NICAM                                     |  | 33.05 | 39.80 | 33.05 | 33.05 | 32.348 |

### Input/Output:

TV/DVB-T Antenna Input

IEC-Type (female)

FM-Radio Antenna Input

IEC-Type (male)

Internal Audio IN

Wafer Pin 1x4 (2.5-2.54 mm)

Internal Audio OUT

Wafer Pin 1x4 (2.5-2.54 mm)

Internal S-Video IN/Comp

Wafer Pin 1x4 (2.5-2.54 mm)

Video IN

### Hardware Interface

32bit PCI 2.1

### Board Size

121 mm x 100 mm

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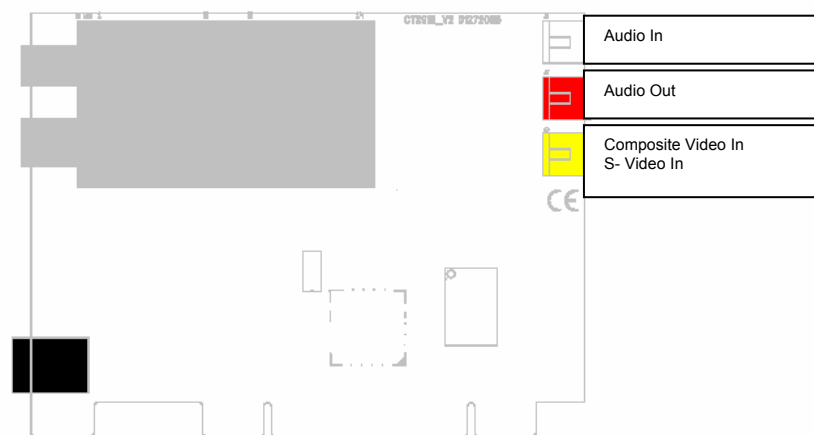
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## SELECTED FEATURES:

- Audio-In connected directly to Audio-Out by wire
- Composite Video-In and S-Video-In are using the same input channel
- The connectors for Audio-In, Audio-Out, S-Video-In together with composite Video-In are realized as 4-Pin Headers.

## IO-CONNECTOR SPECIFICATION



### AUDIO-IN (White)

- 1 – Left channel-In
- 2 – GND
- 3 – GND
- 4 – Right channel-In

### AUDIO-OUT (Red)

- 1 – Left channel-Out
- 2 – GND
- 3 – GND
- 4 – Right channel-Out

### VIDEO-IN (Yellow)

- 1 – C-In (S-Video)
- 2 – GND
- 3 – CVBS-In (Composite Video)
- 4 – Y-In (S-Video)

## SYSTEM REQUIREMENT

- Pentium IV 2 GHz or Higher
- 128MB of system memory or higher
- 7200rpm hard disk or above
- CD-ROM or DVD-ROM drive
- PCI/AGP VGA graphic card
- Full-duplex sound card
- Microsoft Windows 2000/XP
- Microsoft DirectX 9 or higher

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**Modem Standard**

- V.92 (down-stream) up to 56,000 bps\*;
- V.34bis (up to 33,600 bps)
- V.34 (2,400 to 28,800 bps)
- V.32bis, V.32, V.22bis, V.22/Bell 212A, V.21/Bell 103

**Fax Standard**

- Group 3, class 1
- EIA Class fax commands
- V.17 (14,4K bps), V.29 (9,6K bps), V.27ter (4.8K bps), V.21 (300bps), ITU-T T.31 Class 1 FAX

**Line Interface:**

- Europe

**Chipset:**

- Agere SV92PL
- Agere CSP 1034S

\*Due to power limitation in the telephone network data receiving is possible up to 54,3 kbps maximum only.