

Main Features of “ μ PD61250-7”

- Supports Digital TV Formats: ISDB-T/S, ATSC, DVB-T
- Encryption Engine: AES, DES, Triple DES
- Video Card
 - ADC: Built-in 2ch 10bit ADC
 - 3DYC & 3DNR: Simultaneous support in NTSC and PAL
 - Chroma Decoder: NTSC/PAL/SECAM
 - Other: Picture correction function, support for macrovision, support for various VBI slices
- Sound Multiplex Decoding: EIA-J/BTSC/A2/NICAM/FM-RADIO
- MPEG Encoding
 - Video Stream: Compliance with MPEG2 standards MP@ML and SP@ML and MPEG1 standards
 - Picture Size: Horizontal: 720, 704, 640, 544, 480, 352, 320 dots/line
 - Vertical: 480, 240, 576, 288 lines/frame
 - 1 Pass Variable Bit Rate (VBR), Constant Bit Rate (CBR)
 - Audio Stream: MPEG1 Audio Layer 2.2ch Dolby Encoding
 - Bit Length: 16, 20, 24bit
 - Sampling: 32 kHz, 44.1 kHz, 48 kHz
 - Multiplex: MPEG2-PS, DVD-Video, DVD-VR, MPEG2-TS
- Host Interface: PCI Express 1.1 / Parallel Bus (8/16bit) / Support for Serial Bus
- Master Transfer Capability: Support for 8ch simultaneous operation / 11 types of master transfer supported.
- Device Drivers: Support planned for Windows 2000/Windows XP/Windows Vista
- Package and External Dimensions: 304 pin BGA (0.8mm pitch) External Dimensions: 19mm x 19mm
- Power Supply Voltage: 3.3V, 1.8V, 1.0V
- Power Consumption: less than 1W (when receiving digital TV signal)