April Digital Technology

Leader in Digital Communications

Digital Set-Top Box

QPC1544 QPSK for CATV Series

Features

- High quality April's Tuner
- In built Smart card CAS system
- High Speed NEC 166 MHZ Processor and high memory capacity
- DVB-C and MPEG-2 compatibility
- Capable of receiving Messages
- DVB-C Standard and MPEG-2 Compliant
- PAL and NTSC Automatic system compatibility
- Multi QAM demodulation: (QAM 16,QAM32,QAM 64,QAM128 andQAM256)
- Tele-Text / Data Broadcast Support
- Up to 1000 Digital Programs store in memory
- Support EPG (Electronic Program Guide)
- NIT Auto Search Programs
- Favorite Channels
- Parental Control
- Aspect Ration 4:3 and 16:9
- Multi-Language Menu (English, Spanish and Portuguese)
- User Friendly Menu
- Firmware can be upgradeable over the air and with RS232
- Right, Left, Stereo and Mono Audio
- Auto-Power off memory
- High Quality Auto Switching Power Supply

Specifications

Item	Technical specification
Input frequency range	48.5MH z- 860MHz
Input impedance	75Ω
Processing speed rate	166MHz
Flash memory	16-64Mbit
SDRAM	64-256Mbit
RF input interface	F-type
Input level	-15 dBmV-+20dBmV
Constellation	QPSK
Symbol ratio	1.6Mbaud / 27.00Mbaud
Video output	1 V-p-p two channel/75Ω
video output interface	BNC
Video frequency response	≤± 0.5dB(within 5MHz)
Video demodulator pattern	ISO/IEC13818-2 MPEG-2 MP@ML
Single channel video compressing bate rate	2-15 Mbps-Adjustable continence
Resolution	720x576/max / Adjustable with signal received
K coefficient	≤3%
DG	≤5%
DP	≤5º
Audio demodulator pattern	MPEG-1 Layer 1 / Layer 2
Audio working pattern	Mono / Stereo
Audio sampling freq	32 KHz/ 44.1KHz / 48KHz
Audio output	L + R or mono 0.775Vrms600Ω
Audio frequency response	± 0.5dB / 60Hz-18kHz
Output interface	BNC
Data output	RS-232 / DB9
Working temperature	+5°C - +40°C
Storage temperature	-10°C - +70°C
Power supply	AC 80VAC - 265VAC - 47Hz-63Hz

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