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Tuner

IF Input Frequency	950 ~ 2150MHz
IF Loop through output	950 ~ 2150MHz
IF Bandwidth	8/55MHz, automatical switching according to symbol rate
Input Impedance	75ohms
Input Signal level	-65dbm ~ -25dbm
LNB Polarization	
Switching Voltage	13/18VDC@max400mA, Short Circuit Protection
Band Switching	22KHz Tone, DiSEqC 1.2
I/Q Output	Unbalanced Output, Controlled by AGC Input

Front-End Demodulator

Demodulation Capacity	QPSK Demodulation
Symbol Rate	1 ~ 45Msps
Viterbi Decoding Rate	1/2, 2/3, 3/4, 5/6, 7/8, 8/9
Reed Solomon Decoding	FEC : 204, 188, t=8

Transport Demultiplexer

Demultiplex	According to ISO/IEC 13818-1
Max. Input Stream	60MHz(Serial)/7.5MHz(Parallel)
PID Handling Capability	32 PID
SI Filtering	According to DVB-SI spec (ETS 300 468)

Video Decoding Parameters

Video Decoding	ISO/IEC 13818-2 MP@ML
Aspect Ratio	4:3, 16:9
Resolution	Max.720 x576

Audio Decoding Parameters

Audio Decoding	ISO/IEC 13818-3 Layer I & II
Operating Mode	Mono, Dual, Stereo
Sampling Frequency	32, 44.1, 48KHz

Baseband Video/Audio Output

Video Output Impedance	75ohms
Video Output Level	1Vp_p
Audio Output Impedance	600ohms Unbalanced
Audio Output level	3.0Vp_p With Volume Control

Microprocessor and Main Memories

Microprocessor Type	ST20-C2(STI5512)
Flash ROM	
(for program memory)	1M x 16 bit
SDRAM (for decoding)	4M x 16 bit

Data Service Port

Connector	9 Pin D-Female Type
Protocol	RS-232 Asynch
Data Rate	Max 115200 bps

Front Panel

4 Digits LED Display	Channel Numbers Display
3 Buttons	Power, Down, Up
IR Sensor	38KHz
PCMCIA slots	2 slot Common Interface
VACCESS Embedded	1 Smart Card reader

Rear Panel

IF Input	F-Female Type
IF Loop through output	F-Female Type
Cinch Output	AUDIO(Left, Right), VIDEO
3SCART Output	1TV, 1VCR, 1EXTERNAL
RS232 Serial Port	9 Pin D-Female Type
Power Cord	Europe Flexible Cord

Remote Control Unit

Type	IR (Carrier Freq. 38KHz)
Battery	2 x 1.5V AA

General Data

Input Power Voltage	AC 95~264V, 50/60Hz
Power Consumption	Max 35Watts
Dimension(W x D x H)	377 x 240 x 69mm
Weight	2.5Kg
Operation Temperature	0 ~ 40 Deg.