

High Definition DVB-S2 Set Top Box with VAS SI-S211



TUNER & CHANNEL	
<i>Frequency Range</i>	950 MHz - 2150 MHz
<i>Input Signal Format</i>	QPSK, 8PSK demodulation and error correction
<i>FEC Coding Rates</i>	DVB-S: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2: 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
<i>Symbol Rate Range</i>	DVB-S: 2 to 45 Msps, SCPC and MCPC capable DVB-S2: upto 45Msps with QPSK & upto 37Msps with 8PSK
<i>Transport Stream</i>	MPEG-4 PART 2(ISO-IEC 4496-2) (H.264) & MPEG-2 (ISO /IEC 13818-2) Transport Stream specification
<i>Audio Stream</i>	MPEG-2 layer 1&2 (Musicam) and MPEG-4 PART 2(ISO-IEC 14496-2) compatible multi-channel audio bitstream
<i>User Interactive Application Supported</i>	Value Added Services (VAS) like Internet, VOIP over (Wi-Fi & Regular phone), Shopping, Utility Services, Gaming and Email etc like interactive applications
LNB	
<i>Control Signal</i>	22 KHz on continuous mode
<i>Frequency</i>	22 KHz \pm 2 KHz
MPEG DECODER	
<i>Video Processor</i>	H.264 HD/SD, MPEG-2 HD/SD
<i>Video Profile & Level</i>	H.264 HD & MPEG-2 HD MP@ML, SP@ML, MP@LL
<i>Video Aspect Ratio</i>	4:3 , 16:9 with pan and scan
<i>Video Resolution</i>	720 x 576 (PAL), HDTV 1080i
<i>Audio Decoding</i>	5.1 channel decoding and down mixing
<i>Audio Mode</i>	Mono, Dual Mono, Stereo, Joint Stereo & Basic Stereo
CPU & MEMORY	
<i>CPU</i>	333 MHz
<i>Flash Memory</i>	16 MB
<i>DDRAM Memory</i>	64 MB
<i>Network Interface</i>	1 port Fast Ethernet (RJ-45, 10/100BaseT) 2 x USB 2.0 Host 1 IEEE 802.11b/g Wi-Fi Interface 1 FXS Port for VoIP
AUDIO & VIDEO INTERFACES	
<i>HD Video Out</i>	HDMI 1.3
<i>CVBS Video Out</i>	RCA x 1
<i>Component Video</i>	RCA x 3
<i>S-Video Out</i>	4-pin DIN
<i>Analog Audio Out</i>	No of channels : RCA x 2 (L-CH x 1 , R-CH x 1)
<i>Digital Audio Out (SPDIF)</i>	Co-axial
DATA & PERIPHERAL INTERFACES	
<i>Data Interface</i>	RS-232C 115Kbps UART Interface
RF AGILE MODULATOR	
<i>Integrated RF Modulator</i>	RF modulated video output selectable over CH21 and CH69 RF loop-through capability