

MUX2181-TI

Tuner Input Multiplexer



Product Introduction

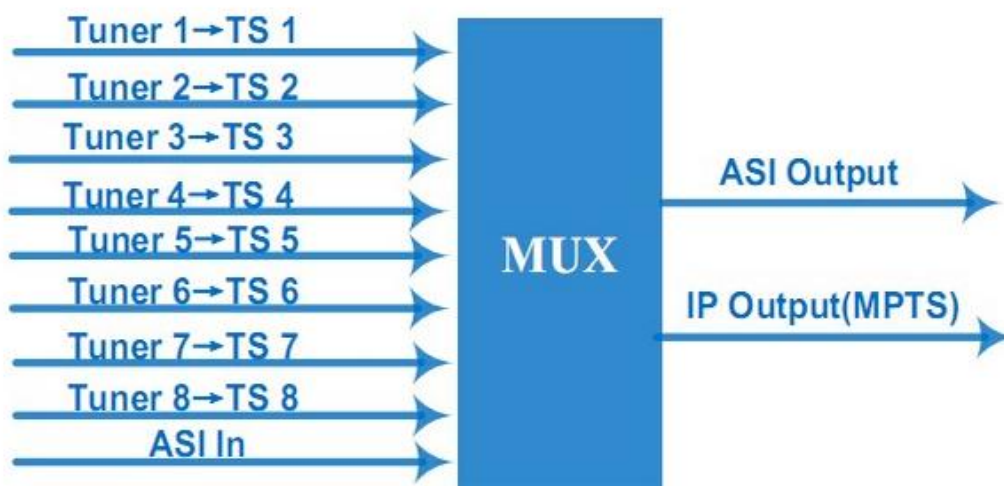
MUX2181-TI Tuner Input Multiplexer is the latest demodulation and multiplexing device for digital TV broadcasting head-end system with TS output through ASI and IP port. It can multiplex up to 8 channels Tuner and 1 ASI input to one MPTS. This multiplexer has the functions of supporting auto-generation of PSI/SI information, PID re-mapping, service filtering and PCR adjusting. Also the multiplexer can insert EPG (electronic program guide), CA (conditional access), data broadcasting into output TS.

Feature

- Fully complying with ISO13818 and EN300 468 standard
- 8 Tuner(DVB-S2/ATSC)+1 ASI input ports
- ASI and IP output
- Integrated demodulating and multiplexing functions
- Support accurate PCR adjusting
- Support PID filtering, re-mapping
- Support PSI/SI rebuilding and editing
- Support MPTS over UDP, RTP/RTSP output as mirror of ASI output (RJ45)
- Huge buffer memory for saving the overflowing code stream
- Supporting to multiplex one program to all outputs
- Alarming function

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Specification

Input interface	8 DVB-C/DVB-S2/ATSC tuners+1 ASI		
Re-multiplex	PID re-mapping		
	PCR accurate adjusting		
	Automatic generating PSI/SI table		
Input	Packet format	204/188 self-adaption	
Output port	ASI	2 * ASI output(Max 180Mbps), 1 for backup	
	IP	MPTS over UDP, RTP/RTSP out as mirror of ASI output (RJ45)	
PID	Output range	0x0000—0x1FFF	
	PID transparent	Any PID transparent and mapping achievable	
	Amount of output PID per input	128	
NMS port	Ethernet port	10/100M	
General	Demission	482mm×300mm×44mm (W×L×H)	
	Weight	3.5kg	
	Temperature	0~45°C(operation), -20~80°C(storage)	
	Power supply	AC 110V±10%, 50/60Hz Or AC 220V±10%, 50/60Hz	
	Consumption	18W	