



# EVOLUTION OF TRANSMODULATION

Years of continuous research and hard work have led us from a functional but basic circuit board to the current state-of-the-art, advanced electronic board, which encompasses the latest technologies in television signal processing.

## LMM DVB-T-1 (2009)

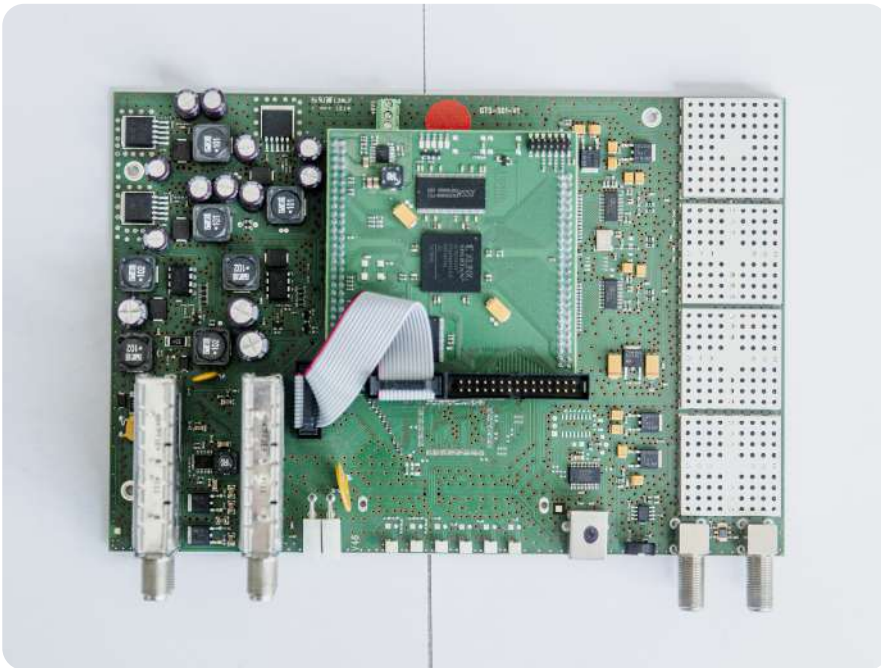


First transmodulator board.

Single DVB-S FTA input.  
Single output (1x) DVB-T 2K/8K.  
RS232 management and SW GDS Configurator.

## GTS-S01-V1

(2011)



First GTS transmodulator version.

Dual DVB-S/S2 - FTA/CI input.

Dual DVB-T 2K RF output with adjacent channels.

Single or double CAM decoding, one for each input.

Management with USB 2.0 and SW GDS Configurator.

## GTS-MB01-V1

(2013)



Second GTS transmodulator version.

Tuner card connection with mainboard using a flat cable.

Dual DVB-S/S2 or DVB-T/T2-FTA/CI input.

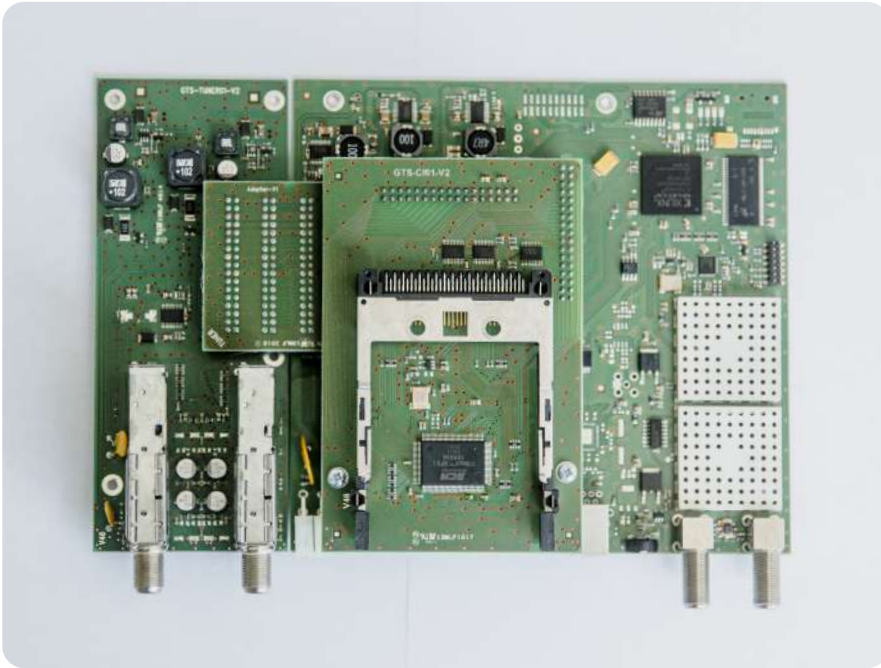
Dual DVB-T 2K RF output with adjacent channels.

Single or double CAM decoding, one for each input.

Management with USB 2.0 and SW GDS Configurator.

## GTS-MB01-V2

(2014)



Third GTS transmodulator version.

Tuner card connection with mainboard using a PCB.

Dual DVB-S/S2 or DVB-T/T2-FTA/CI input.

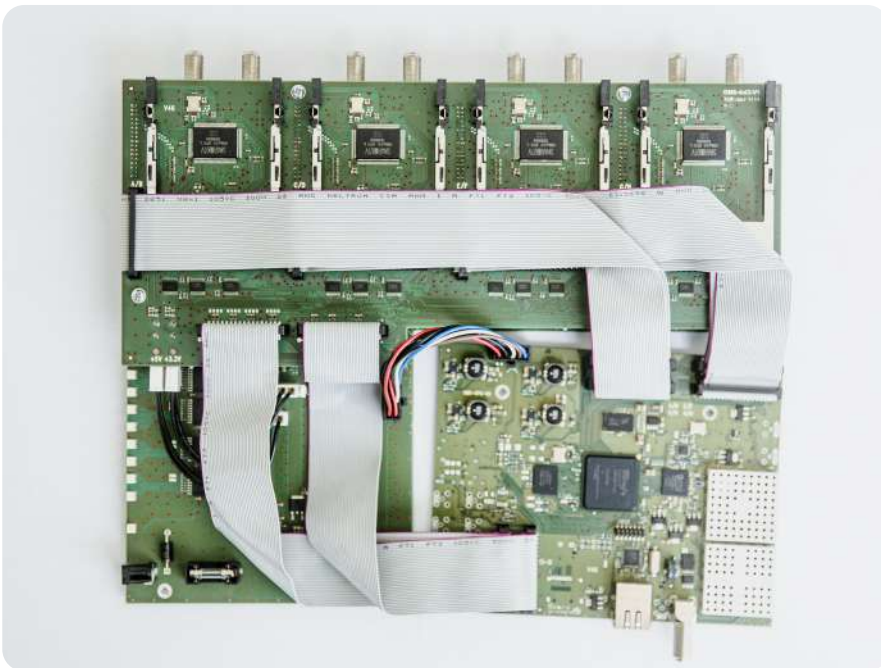
Dual DVB-T 2K RF output with adjacent channels.

Single or double CAM decoding, one for each input.

Management with USB 2.0 and SW GDS Configurator.

## GMS-CPU-CI-TUNER

(2014)



GMS 844 headend board.

8x DVB-S/S2 integrated single chip input or 8x DVB-T/T2 integrated single chip input.

Optional 4x CAM decoding board (active on input 1, 3, 5, 7).

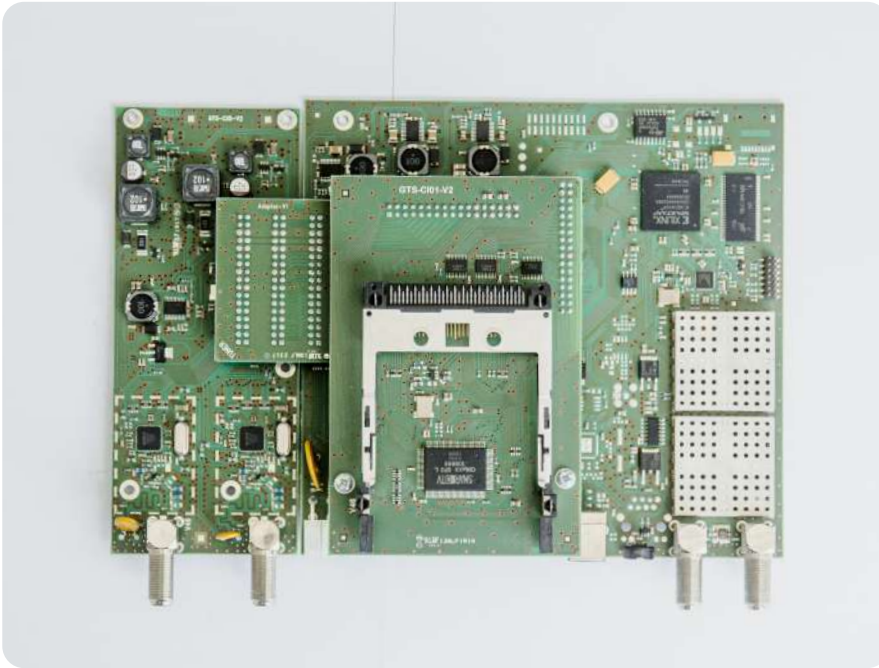
Quadruple (4x) DVB-T 2k RF output with adjacent channels.

Management via web server on Ethernet.



## GTS-MB01-V3

(2015)



Fourth GTS transmodulator version.

Tuner card connection with mainboard using a PCB.

Double DVB-S/S2 FTA/CI integrated single chip input, or double DVB-T/T2 FTA/CI integrated single chip input.

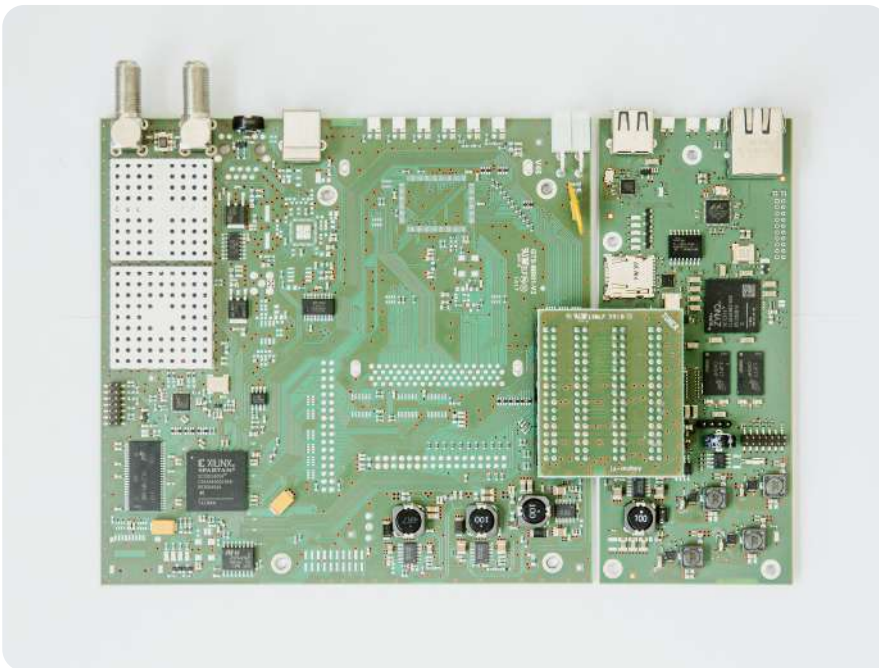
DVB-T/C dual RF output with adjacent channels.

Single or double CAM decoding, one for each input.

Management with USB 2.0 and SW GDS Configurator.

## GTS-ETH-V1

(2016)



SlideShow module board.

PDF file player (converted to MPEG-2) in SD format (720x576).

PDF file player (converted to MPEG-2) in HD format (1920x1080).

Remote UDP/RTP/RSTP stream player from camera or NVR.

Video files Player (converted to MPEG-2) in several formats.

Hourly scheduler with bi-weekly management.

LAN and USB inputs.

Single RF output (1x) DVB-T/C.

Management via web server on Ethernet.

## GMS-8x8-CAM\_EXP (2018)



GMS-8x8 compact headend board.

Integrated single chip 8x DVB-S/S2 input.

Double (2x) or quadruple (4x) CAM decoding, "FlexCAM" type.

8 inputs on 8 outputs multiplexer.

Dual (2x) RF output with four (4x) adjacent DVB-T 2K Muxes.

Management via LAN and SW GDS Manager.

## GTE-S202-V1 (2019)



GTE Series transmodulator board.

Dual input (2x) DVB-S/S2 integrated single chip.

Optional single input (1x) DVB-S/S2 or DVB-T/T2 single chip.

Single or double CAM decoding, "FlexCAM" type.

3 inputs on 4 outputs multiplexer.

Quadruple (4x) DVB-T/C RF output with adjacent channels, or IPTV output with 16 SPTS or MPTS.

Management via LAN and SW GDS Manager.

# GTE-424-V1

(2023)



## GTE-SX Series transmodulator board.

Dual input (2x) DVB-S/S2/S2X integrated  
frontend + demodulator.

Dual input (2x) optional DVB-S/S2/S2X or  
DVB-T/T2/C frontend + demodulator.

Single or double CAM decoding,  
“FlexCAM” type.

4 inputs on 4 outputs multiplexer.

Quadruple (4x) DVB-T/C RF output with  
adjacent channels, or IPTV output with 16  
SPTS or MPTS.