

OH 79/OH 79 D/OH 79 2* **DVB-T/C → analogue TV, CI**

- Reception of a DVB-T*/C signal and processing to an analogue-TV-channel,
* OH 79 2: additional DVB-T2
- MPEG-2/4 decoding
- CI interface
- HD → SD downscaling
- NICAM audio processing
- Vestigial sideband modulator
- OH 79 D: decoding of Dolby** Digital sound



Module	OH 79 DVB-T*/C – RF analogue channel processing with CI (MPEG-4)
Input frequency range	110–878 MHz
Input frequency steps	250 kHz
Input level range	47–90 dB μ V
Channel bandwidth	7/8 MHz
COFDM spectral	2 k and 8 k FFT
COFDM modulation scheme	QPSK, 16-QAM, 64-QAM
COFDM guard interval	1/32, 1/16, 1/8, 1/4
COFDM FEC inner code	Conv., K=7, G=1/2, 2/3, 3/4, 4/5, 5/6, 7/8
QAM modulation scheme	16-, 32-, 64-, 128-, 256-QAM
QAM symbol rate	1–7 MBaud
Output frequency range	45–862 MHz
Output frequency steps	250 kHz
Output stability	±30 kHz
Output channel bandwidth	7/8 MHz
Output level (1 dB steps)	90–105 dB μ V
Spurious outside TV channel	>55 dB
TV standards	B/G, D/K, I, L, M, N
Video standards	PAL, SECAM, NTSC
Video format	4:3, 16:9, 4:3-Zoom
Video decoder	MPEG-2 (ML@MP) H.264 (MPEG-4)
Audio decoder	MPEG-2 (L1/L2), AAC
Audio format	Mono, A2-Stereo, Dual, NICAM
S/N video (CCIR-rec. 567-1)	>57 dB
S/N audio	>50 dB
Stability of output level	± 1.5 dB
Connectors RF	F-connector
Current consumption	ca. 0.80 A
Power consumption	<10 W
Operating temperature	-20 °C to +55 °C