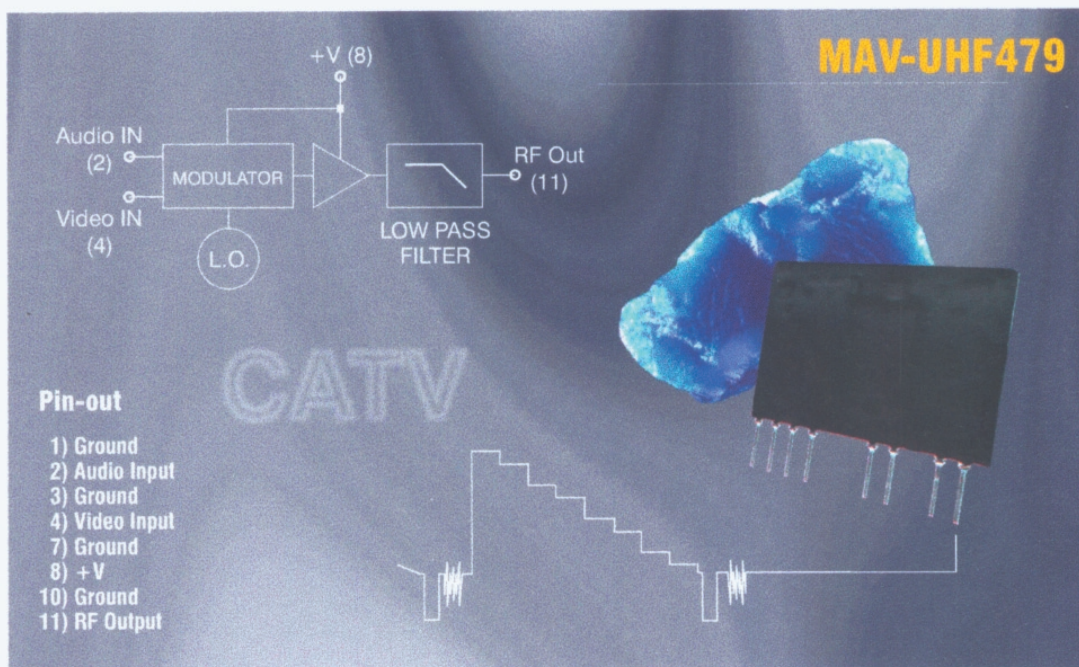


22-TV Channel Audio-Video Modulator



Information subject to change without notice

Description

Low cost CATV circuit for high quality audio-video signals, operating in the UHF Band.

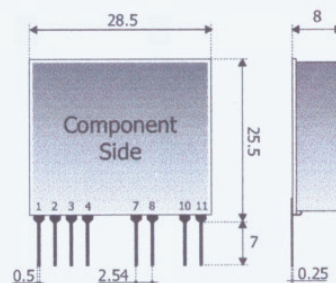
Input signals can be fed from videocameras, tuners, video tape players, etc, directly using the lines of the standardized output connectors (i.e. SCART), while output R.F. can be received with any standard not modified TV receiver.

The Modulator is very stable in frequency and features high harmonic rejection.

Descrizione

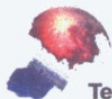
Circuito CATV di basso costo per informazioni audio-video di alta qualità, operante sulla Banda UHF. Accetta in ingresso segnali provenienti da videocamere, sintonizzatori, videoregistratori, etc..., utilizzando direttamente le linee provenienti dai loro connettori di uscita standardizzati (es. SCART) e genera un segnale R.F. ricevibile con un qualsiasi televisore non modificato. Ottima stabilità e da alta reiezione armonica.

Mechanical Dimensions



Technical Specification

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V_s	Supply Voltage • Alimentazione	4.75	5	5.25	Vdc
I_s	Supply Current • Corrente Assorbita		90		mA
P_o	RF Output Power • Potenza RF in Uscita		1		mW
I_M	3rd Order Intermodulation • Intermodulazione			60	dBm
F_c	Carrier Frequency • Frequenza Portante		479.5		MHz
I_M	Video Input Modulation • Modulazione d'ingresso Video		1.2		Vpp
F_{sc}	Sub-Carrier Frequency • Frequenza Sottoportante		5.5		MHz
M_A	Audio FM Modulation • Modulazione FM Audio		1		Vpp
I_i	Input Impedance • Impedenza d'ingresso		100		K Ω
T_{PE}	Pre-emphasis • Preenfasi		50		μ S
T_{OP}	Operating temperature range • Temperatura di lavoro	-20		+80	$^{\circ}$ C



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