

■ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

PARAMETER	SYMBOL	RATINGS	UNIT
Supply Voltage	V ⁺	12.0	V
Power Dissipation	P _D	700	mW
Operating Temperature Range	Topr	-40 to +85	°C
Storage Temperature Range	Tstg	-40 to +125	°C

■ELECTRICAL CHARACTERISTICS (Ta=25°C, V⁺1=5V, V⁺2=5V, R_L=150Ω)

PARAMETER	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Operating Current	I _{CC}	No Signal	-	23.0	35.0	mA
Operating Current at Power Save	I _{save}	No Signal, Power Save Mode	-	0.7	1.2	mA
Maximum Output Voltage Swing	V _{om}	V _{in} =100kHz, Sine Signal, THD=1%	2.4	3.0	-	V _{p-p}
Voltage Gain	G _v	V _{in} =1MHz, 1.0V _{p-p} , Sine Signal	5.8	6.2	6.6	dB
Gain Difference Between Channel	ΔG _{vI}	V _{in} =1MHz, 1.0V _{p-p} , Sine Signal (IN1, IN2, IN3)	-0.2	0	+0.2	dB
Gain Difference Between Block	ΔG _{vB}	V _{in} =1MHz, 1.0V _{p-p} , Sine Signal (CH1, CH2, CH3)	-0.2	0	+0.2	dB
Band Width	f		-	50	-	MHz
Frequency Characteristic	G _f	V _{in} =50MHz/1MHz, 1.0V _{p-p} , Sine signal	-	0	-	dB
Channel Cross talk 1	CTI1	V _{in} =4.43MHz, 1.0V _{p-p} , Sine signal	-	-60	-50	dB
Channel Cross talk 2	CTI2	V _{in} =50MHz, 1.0V _{p-p} , Sine signal	-	-40	-	dB
Block Cross talk 1	CTB1	V _{in} =4.43MHz, 1.0V _{p-p} , Sine signal	-	-60	-50	dB
Block Cross talk 2	CTB2	V _{in} =50MHz, 1.0V _{p-p} , Sine signal	-	-40	-	dB
Differential Gain	DG	V _{in} =1.0V _{p-p} , 10step Video Signal	-	0.3	-	%
Differential Phase	DP	V _{in} =1.0V _{p-p} , 10step Video Signal	-	0.3	-	deg
S/N Ratio	SN _v	V _{in} =1.0V _{p-p} , 100KHz to 6MHz 100% White Video Signal	-	65	-	dB
Power Save SW Change Voltage High Level	V _{thPH}	PS	2.0	-	V ⁺	V
Power Save SW Change Voltage Low Level	V _{thPL}	PS	0	-	0.6	V
Input Select SW Change Voltage High Level	V _{thSH}	SW1, SW2	2.0	-	V ⁺	V
Input Select SW Change Voltage Low Level	V _{thSL}	SW1, SW2	0	-	0.6	V

■CONTROL TERMINAL

PARAMETER	STATUS	NOTE
Power Save	H	Power Save: OFF
	L	Power Save: ON
	OPEN	Power Save: ON

PARAMETER	STATUS		NOTE
SW Control	SW1	SW2	
	L, OPEN	X	IN1 (X=don't care)
	H	L, OPEN	IN2
	H	H	IN3