

Product Information

NEW

75 Ω video line driver IC with Y-C summing circuit and LPF **TK15430V**

DESCRIPTION

The TK15430V is a video amplifier IC capable of driving 75Ω , including Y-C summing circuit combined used both input and output and LPF. impedance is high, lower input coupling capacitor is With 6th arm LPF and frequency trap, clock available. frequency of D/A converter can be eliminated.

FEATURES

- Y-C Summing Circuit
- 75Ω Video Driver
- CVBS output pin is combined use both of input and output
- 6th Arm LPF
- Frequency Trap Terminal
- High Impedance Input Terminal
- Clamp Circuit
- Internal SAG Function Pin

APPLICATIONS

■ The Video Systems

DSC(Digital Still Camera),

CCD Observation Camera

DVD Player/Rewriter

TV Monitor, LCD Projector, Video Board,

Video Recorder/Player/Camcorder,

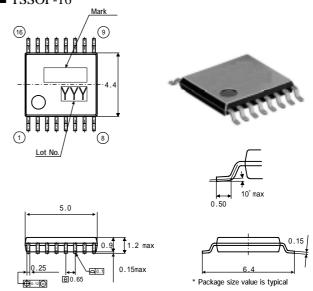
Portable Video Equipment etc.

ELECTRICAL CHARACTERISTICS

	$V_{CC} = 5.0 \text{ V}, t_{in} = 1 \text{ MHz}, T_a = 25$		
Parameter	Symbo 1	Value (TYP)	Unit
Operating Voltage Range	V_{OP}	4.5 ~ 6.0	V
Supply Current 1 (V _{CC1})	I _{CC1-1}	55	mA
Voltage Gain	GV	6.0	dB
Differential Gain	DG	-3.0 ~ +3.0	%
Differential Phase	DP	-3.0 ~ +3.0	deg
Cut Off Frequency (-3dB)	fc	10	MHz

PACKAGE OUTLINE

■ TSSOP-16



BLOCK DIAGRAM

