

Advanced

Video Line Driver IC TK15421M

Description

TK15421M is 75 video line driver IC which contains 2 channels. Voltage gain is 6dB.

It is suitable for replacement of Motorola's video line driver IC MC14576CF.

It is in small surface mount package SOP-8.

Features

- Internal 2 channel 75 driver
- Voltage Gain is 6dB fixed.
- Operating voltage range $V_{cc} = \pm 5.0V, +4.0$ to $+12V$
- 8Pin Plastic Package DIP-8

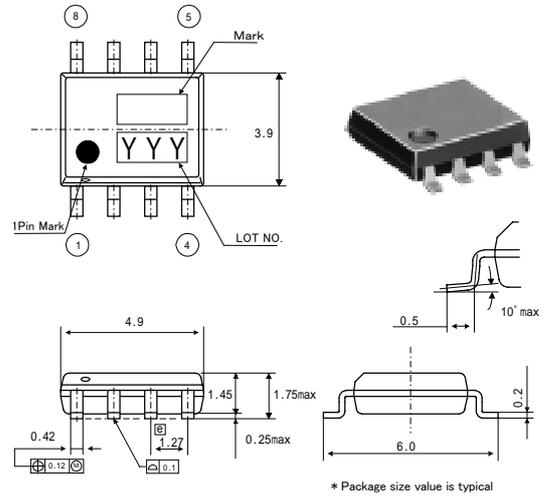
Applications

- Video Recorder/Player
 - Camcorder
 - LCD TV/Monitor
 - DVD Player/RW
 - Video Board
 - CCD Observation Camera
- Any equipment which has Video Signal Output Pin

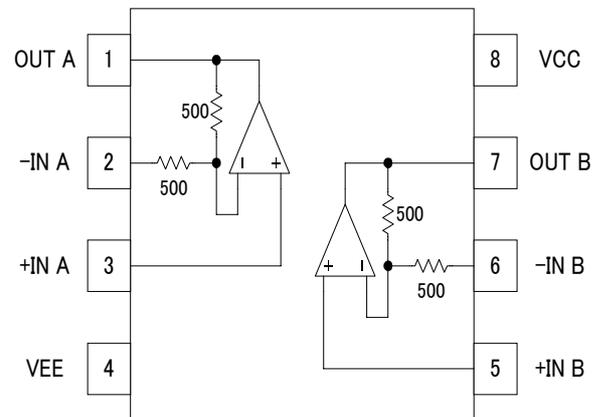
Electrical Characteristics

Parameter	Symbol	Value (TYP)	Units
Operating Voltage Range	V_{op}	4.0 to 12.0	V
Supply Current	I_{cc}	18.1	mA
Max Output Voltage	V_{opp}	5.7	V _{p-p}
Cross Talk	CT	76.3	dB
Voltage Gain	GV	5.9	dB
Differential Gain	DG	max 3.0	%
Differential Phase	DP	max 3.0	deg
Frequency Response	fr	-0.5	dB
Input Capacitance	C_{in}	8.6	pF
Input Impedance	Z_{in}	5.0	M

Package Outline: SOP-8



Block Diagram



*As this specification is provisional, the content of this specification is subject to change without notice.

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