

Product Information

**UNDER
DEVELOPMENT**

75Ω video line driver IC with Y-C summing circuit and LPF TK15440M

DESCRIPTION

The TK15440M is a 75Ω video line driver IC with Y-C summing circuit and LPF. The voltage gain G_V is 12dB.

FEATURES

- Y-C Summing Circuit
- 75Ω Video Driver
- LPF
- Fixed Voltage Gain: GV12dB
- Included Mute Function

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.

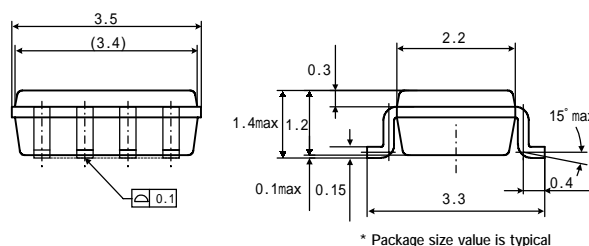
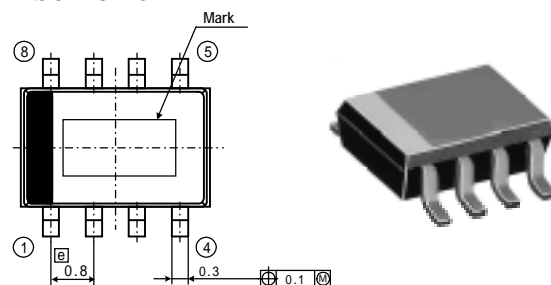
ELECTRICAL CHARACTERISTICS

$V_{CC}=5.0V$, $f_{in}=1MHz$, $T_a=25$

Parameter	Symbol	Value (TYP)	Unit
Operating Voltage Range	V_{OP}	4.0 ~ 10.0 ($\pm 2.0 \sim \pm 5.5$)	V
Supply Current 1 (V_{CC1})	I_{CC1-1}	30	mA
Voltage Gain	GV	12.0	dB
Differential Gain	DG	-3.0 ~ +3.0	%
Differential Phase	DP	-3.0 ~ +3.0	deg
Cut Off Frequency (-3dB)	f_c	10	MHz

PACKAGE OUTLINE

■ SOT23L-8



BLOCK DIAGRAM

