

Product Information

NEW

Video Line Driver IC with Clamp TK15465S

DESCRIPTION

The TK15465S is a 75Ω video line driver IC with clamp circuit.

As its packaged in very small SOT23-6, it is suitable for any portable equipment, which require small mounting space.

FEATURES

- Low Operating Voltage; $V_{CC}=2.7\sim10.0V$
- Frequency Response; $-0.1dB@f_{in}=1MHz/5MHz$
- Clamp Circuit
- Active High On/Off Control (Standby Function)
- Very Small Package SOT23-6

APPLICATIONS

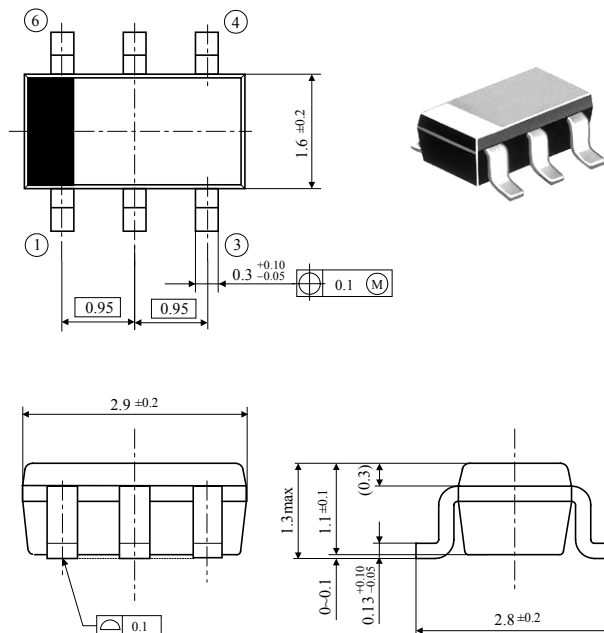
- The Video Systems
DSC(Digital Still Camera),
CCD Observation Camera, DVD Player/Rewriter
TV Monitor, LCD Projector, Video Board,
Video Recorder/Player/Camcorder,
Portable Video Equipment etc.

ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Value (TYP)	Unit
Operating Voltage Range	V_{OP}	2.8~10.0	V
Operating Temp. Range	T_{OP}	-40~+85	°C
Supply Current	I_{CC}	9.0	A
Stand-by Current	I_{CCS}	44	μA
Input Clamp Voltage	V_{cmp}	1.27	V
Voltage Gain	G_V	5.9	dB
Differential Gain	DG	-3.0~+3.0	%
Differential Phase	DP	-3.0~3.0	deg.
Freq. Response	f_c	0.1 ($f_{in}=1MHz/5MHz$)	dB

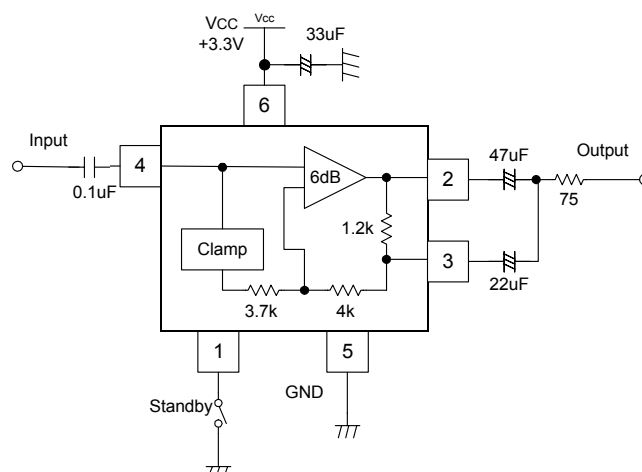
PACKAGE OUTLINE

■ SOT23-6



Unit : mm

BLOCK DIAGRAM



⚠ Note that the contents are subject to change or discontinuation without notice. When placing orders, please confirm specifications and delivery condition in writing.

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Rev.2