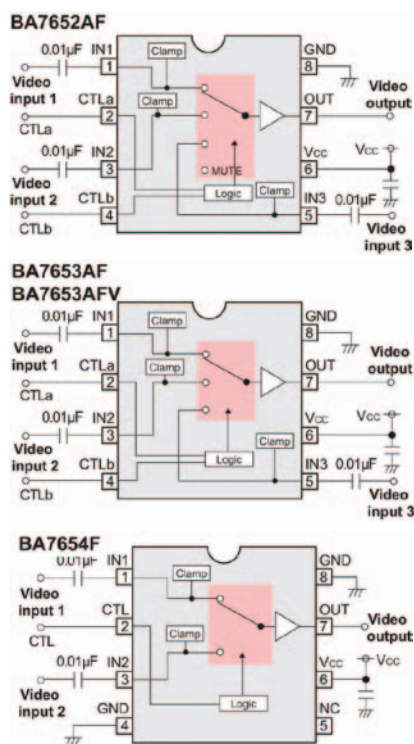




Video Switcher Series

Single Circuit Video Switchers

The **BA7654F**, **BA7653AF/AFV**, and **BA7652AF** video switchers integrate 2-3 inputs into a single circuit. Utilization of a high-performance feedback clamp circuit at the input terminal enables compatibility with $0.01\mu\text{F}$ ceramic capacitors for input coupling resulting in increased space savings. Features such as a high-speed switching function and a broad dynamic range ensures suitability with a wide range of applications.



Key Features

- Feedback clamp circuit ensures compatibility with compact ceramic capacitors
- High-speed switching (70nsec) capability ideal for superimposing
- 10MHz flat frequency characteristics support a broad range of applications

Applications

- HDTVs
- Car entertainment/navigation systems
- PCs

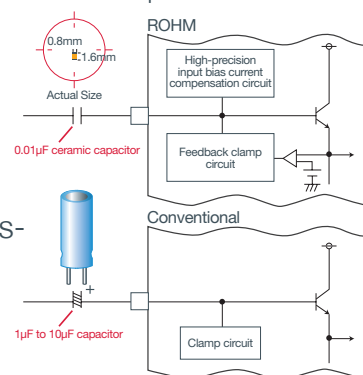
Pricing

Quantity per reel: 3,000 pieces

Price: \$0.66 - 0.91

Samples: Available now

Feedback Clamp Circuit



Part #	Supply Voltage (V)	Circuit Current (mA)	Internal Circuit	Input Type	Gain (dB)	Max Output Level (Vpp)	Crosstalk (dB)	Mute	Switching Speed (ns)	Package
BA7654F	4.0 to 7.0	5	2-in-1	Sync-tip clamp	0	3.1	-70 (4.43MHz)	—	70	SOP8
BA7653AF	4.0 to 7.0	5	3-in-1	Sync-tip clamp	0	3.1	-70 (4.43MHz)	—	70	SOP8
BA7653AFV	4.0 to 7.0	5	3-in-1	Sync-tip clamp	0	3.1	-70 (4.43MHz)	—	70	SSOP-B8
BA7652AF	4.0 to 7.0	5	3-in-1	Sync-tip clamp	0	3.1	-70 (4.43MHz)	Available	70	SOP8

More info

<http://www.rohm.com/products/lsi/video/video/sel1/>

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