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# OPA1678

OPA1677( ), OPA1678( ), OPA1679( )

OPA167x       $4.5\text{nV}/\sqrt{\text{Hz}}$        $1\text{kHz}$       0.0001%  
                    $2\text{k}\Omega$       800mV

가

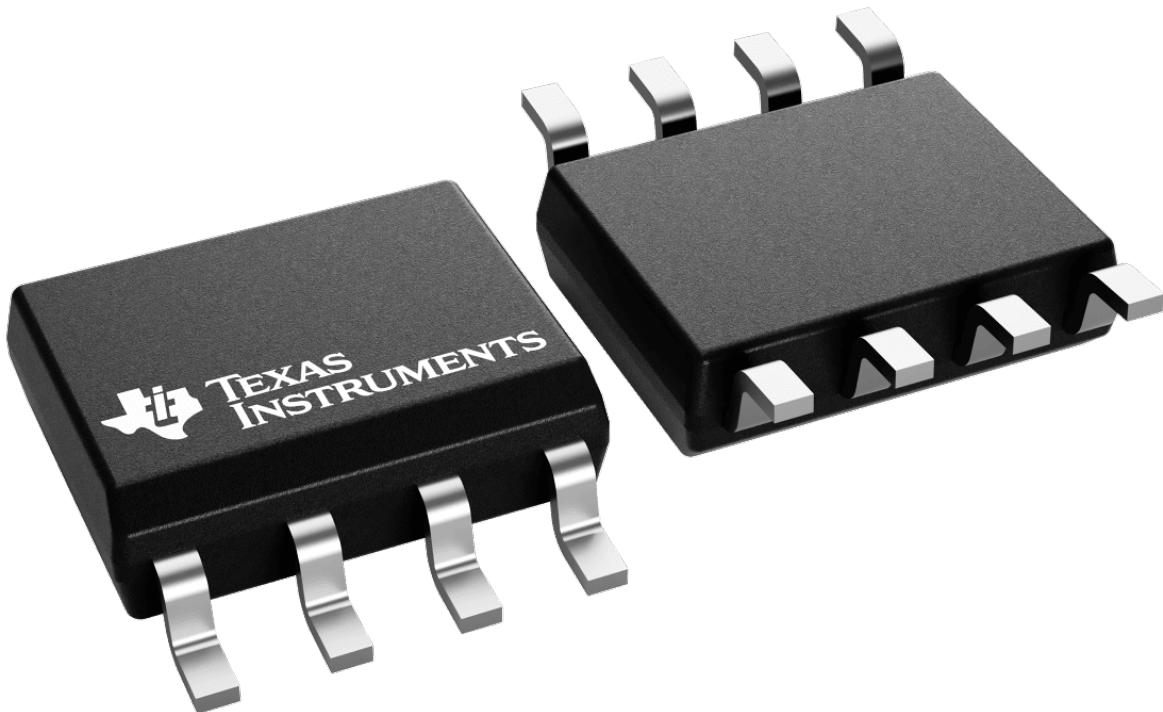
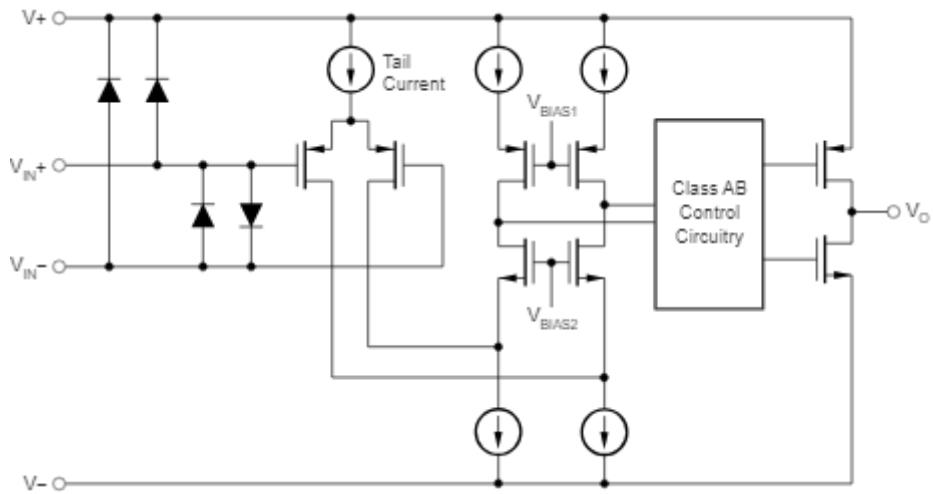
, OPA167x       $\pm 2.25\text{V}$        $\pm 18\text{V}$

,      2mA

가

OPA167x

- Number of channels: 2
- Total supply voltage ( $+5\text{V}=5, \pm 5\text{V}=10$ )(min): 4.5V
- Total supply voltage ( $+5\text{V}=5, \pm 5\text{V}=10$ )(max): 36V
- **GBW**(typ): 16MHz
- **Slew rate**(typ): 9V/ $\mu\text{s}$
- Rail-to-rail: Out
- $V_{os}$ (offset voltage at  $25^\circ\text{C}$ )(max): 2mV
- $I_q$  per channel(typ): 2mA
- $V_n$  at  $1\text{kHz}$ (typ):  $4.5\text{nV}/\sqrt{\text{Hz}}$
- Features: Small Size
- **THD+N** at  $1\text{kHz}$ (typ): 0.0001%
- Rating: Catalog
- Operating temperature range: -40~85°C
- $I_{out}$  (typ): 0.05A
- Architecture: CMOS
- **CMRR** (typ): 110dB



## OPA167X

- Black lion Audio - Auteur Series



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