

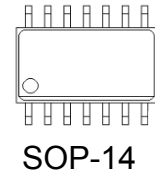
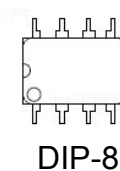
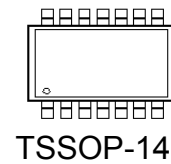
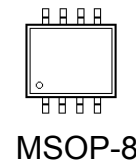
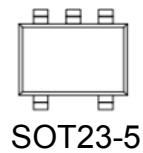
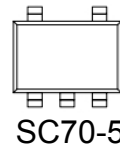
Low Voltage, Low Noise, 1.2MHz, Rail-to-Rail Input/Output, General Purpose CMOS Operational Amplifiers

Features

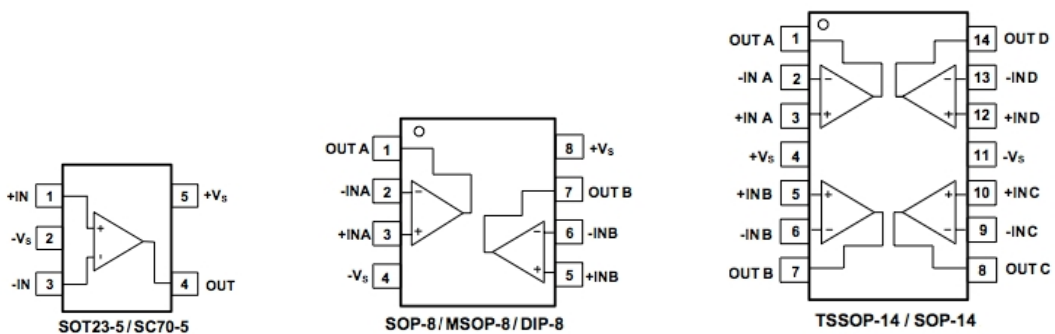
Wide power supply range: +1.8V to +5.5V
 Gain-bandwidth product, GBP (typ.) = 1.2MHz
 Low Noise Voltage Density: 17nV/ Hz
 Very low quiescent current per amplifier: 60μA
 Low input bias current: 1pA
 Low Offset: V_{OS} (typ.) = 1mV, I_{OS} (typ.) = 1pA
 Unity Gain Stable

Description

The SV7321LV, SV7358LV and SV7324LV are low voltage CMOS operational amplifiers; consist of 1/2/4 independent, low power, low noise, internally frequency-compensated CMOS operational amplifiers. It also features wider bandwidth, lower quiescent and lower offset than legacy LMV operational amplifier family. They operate from a single power supply ranging from +1.8V to +5.5V. Operation from split power supplies is also possible and the low power supply current drain is independent of the magnitude of the power supply voltage.



Pin connection



Order codes

Part number	Operation range	Package	Packing
SV7321-05OT-TR3	-40°C, +85°C	SOT23-5	Tape & Reel, 3000pcs
SV7321-05SC-TR3		SC70-5	Tape & Reel, 3000pcs
SV7324-14SP-TR2		SOP-14	Tape & Reel, 2500pcs
SV7324-14TP-TR2		TSSOP-14	Tape & Reel, 2500pcs
SV7358-08SP-TR2		SOP-8	Tape & Reel, 2500pcs
SV7358-08DP-TR2		DIP-8	Tube, 50pcs
SV7358-08MP-TR3		MSOP-8	Tape & Reel, 3000pcs