

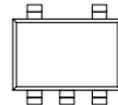
Low Power, Low Noise, 1.2MHz, Rail-to-Rail Input/Output, General Purpose CMOS Operational Amplifiers

Features

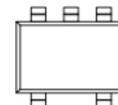
Wide power supply range: +2.1V to +5.5V
 Gain-bandwidth product, GBP (typ.) = 1.2MHz
 Low Noise Voltage Density: 20nV/ Hz
 Very low quiescent current per amplifier: 60μA
 Low input bias current: 1pA
 Low Offset: V_{OS} (typ.) = 1mV, I_{OS} (typ.) = 1pA
 Unity Gain Stable

Description

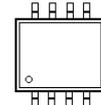
The SV7321, SV7358 and SV7324 consist of 1/2/4 independent, low power, low noise, internally frequency-compensated CMOS operational amplifiers. It also features wider bandwidth, lower quiescent and lower offset than legacy LMV operational amplifier family. They operate from a single power supply ranging from +2.1V 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.



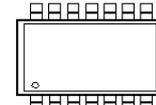
SC70-5



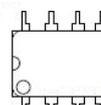
SOT23-5



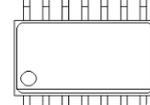
MSOP-8



TSSOP-14

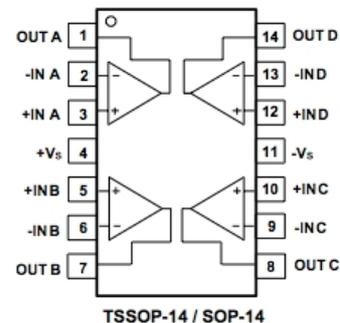
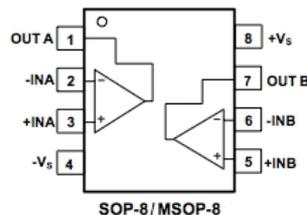
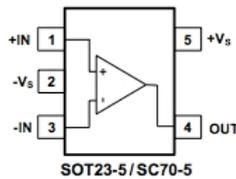


DIP-8



SOP-14

Pin Connection



Ordering Information

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