

Select the Calculator

- Data Converters
- Amplifier and Comparators
 - INA Current Consumption
 - Gain Error vs Bandwidth
 - INA Vcm vs Vout**
 - Inverting Level Shift
 - Noninverting Level Shift
 - Comparator w Hysteresis
 - Find Amplifier Gain 3 Resistors
 - INA Vcm + Dif Filter
 - Find Amplifier Gain
- Passive
- Noise
- Stability
- PCB
- Sensor
- Digital
- Misc
- Links

Calculator

Vcm vs. Vout for Instrumentation Amp

Select INA

OK INA321

Enter Design Information and Create Graph

Vs+ Gain

Vs- Vref

Create Graph OK

Vcm slider: 0.332 to 2.1 (set to 1.6)

Max

Vin+ (Max)

Vin (dif Max)

Vin- (Max)

Vout Max

Min

Vin+ (Min)

Vin (dif Min)

Vin- (Min)

Vout Min

OUTPUT									
Output Voltage Swing from Rail(2, 5)		G ≥ 10	50	25					mV
Over Temperature			50						mV
Capacitance Load Drive			See Typical Characteristic(3)						pF
Short-Circuit Current	+Isc			8					mA
	-Isc			16					mA