

Quick Selection Guide for High Speed Operational Amplifiers (BW > 50 MHz)

High Speed Op Amps

Differential Amplifiers

Single	Dual
ADA4927-1	ADA4927-2
ADA4930-1	ADA4930-2
ADA4932-1	ADA4932-2
ADA4937-1	ADA4937-2
ADA4938-1	ADA4938-2
ADA4939-1	ADA4939-2
ADA4940-1	ADA4940-2
ADA4950-1	ADA4950-2
ADA4922-1	
ADA4941-1	
ADA4960-1	
AD8131	
AD8132	
AD8137	
AD8138	
AD8139	

Differential Amplifier Receivers

Single
AD8129
AD8130

Low Noise, Low Distortion

<1 nV	<2 nV	<3 nV	<6 nV
AD8099	ADA4899-1	ADA4841-1	AD8048
	ADA4898-1	ADA4841-2	AD8047
	ADA4898-2	AD8021	ADA4857-1
	ADA4896-2	AD8022 (Dual)	ADA4857-2
	ADA4897-1	AD8045	
	ADA4897-2		

Rail-To-Rail

Rail-to-Rail In/Out (2.7 V to 10 V)

Single	Dual	Quad
AD8031	AD8032	
AD8027	AD8028	
AD8029	AD8030	AD8040

Rail-to-Rail Out (3 V to 10 V)

Single	Dual	Triple	Quad
ADA4853-1	ADA4853-2	ADA4853-3	
ADA4850-1	ADA4850-2	ADA4855-3	
AD8091	AD8092	ADA4856-3	
AD8051	AD8052		AD8054
AD8041	AD8042		AD8044

Low Cost (<\$1/Channel)

Single	Dual	Triple	Quad
ADA4851-1	ADA4851-2		ADA4851-4
AD8038	AD8039		
AD8061	AD8062		
AD8063			
AD8055	AD8056		
AD8057	AD8058		
ADA4891-1	ADA4891-2	ADA4891-3	ADA4891-4

FastFET

Single	Dual
ADA4817-1	ADA4817-2
AD8033	AD8034
AD8065	AD8066
AD8067	

Current Feedback (5 V to 10 V)

Low Cost (<\$1/Channel)

Single	Dual	Triple
ADA4860-1		ADA4861-3
AD8014		ADA4862-3
	AD8072	AD8073

High Performance

Single	Dual	Triple	Quad
AD8000	AD8002*	AD8003	AD8004
AD8001*	AD8008	AD8013	
AD8005	AD8017	AD8023	
AD8007	ADA4310-1		
AD8009			
AD8011			

*10 V only.

With Charge Pump

Triple
ADA4858-3
ADA4859-3

High Supply Voltage (± 15 V)

Single	Dual
ADA4898-1	ADA4898-2
AD818	AD828
AD847	AD827
AD817	AD826
AD829	
AD844*	

* ± 18 V

High Current Output (>300 mA)

Single	Dual	Quad
AD8390	AD8397	AD8392

Fixed Gain (G = 2)

Single	Triple
AD8079	AD8075
	ADA4862-3
	ADA4856-3
	ADA4859-3
	ADA8074*

*G = 1

Adjustable Clamp Amplifiers

Single
AD8036
AD8037