Summary of Data Sheet Changes

ADA4932 Die Rev



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SPECIFICATIONS

±5 V OPERATION

 $T_A = 25^{\circ}\text{C}$, $+V_S = 5$ V, $-V_S = -5$ V, $V_{OCM} = 0$ V, $R_F = 499$ Ω , $R_G = 499$ Ω , $R_T = 53.6$ Ω (when used), $R_{I_a \text{ dm}} = 1$ k Ω , unless otherwise noted. All specifications refer to single-ended input and differential outputs, unless otherwise noted. Refer to Figure 54 for signal definitions.

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Existing/Current Data Sheet

General Performance

Table 3.

Parameter	Test Conditions/Comments	Min	Тур	Max	Unit
POWER-DOWN (PD)					
PD Input Voltage	Powered down		≤(+V _S – 2.5)		٧
	Enabled		\geq (+V _S - 1.8)		٧
Turn-Off Time			1100		ns
Turn-On Time			16		ns
PD Pin Bias Current per Amplifier					
Enabled	$\overline{PD} = 5 \text{ V}$	-10	+0.7	+10	μA
Disabled	$\overline{PD} = 0 \text{ V}$	-240	-195	-140	μΑ
PERATING TEMPERATURE RANGE		-40		+105	°C

General Performance

Table 3.

Test Conditions/Comments	Min	Тур	Max	Unit
		·	•	
Powered down		$\leq (+V_S - 2.8)$	V	
Enabled		\geq (+V ₅ - 2.2)		V
		1100		ns
		16		ns
PD = 5 V	-1	+0.25	+1	μΑ
<u>PD</u> = −5V	-165	-120	-65	μΑ
	-40		+105	°C
	Powered down Enabled	Powered down Enabled PD = 5 V	Powered down Enabled ≤(+V ₅ − 2.8) ≥(+V ₅ − 2.2) 1100 16 $\overline{PD} = 5V$ $\overline{PD} = -5V$ −1 +0.25 −120	Powered down $\leq (+V_S - 2.8)$ Enabled $\geq (+V_S - 2.2)$ 1100 16 $\overline{PD} = 5V$ -1 $+0.25$ $+1$ $\overline{PD} = -5V$ -165 -120 -65

New Data Sheet

ADA4932-1/ADA4932-2



5 V OPERATION

 $T_A = 25^{\circ}\text{C}$, $+V_S = 5$ V, $-V_S = 0$ V, $V_{OCM} = 2.5$ V, $R_F = 499$ Ω , $R_G = 499$ Ω , $R_T = 53.6$ Ω (when used), $R_{L,dm} = 1$ k Ω , unless otherwise noted. All specifications refer to single-ended input and differential outputs, unless otherwise noted. Refer to Figure 54 for signal definitions.

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Existing/Current Data Sheet

New Data Sheet

General Performance

Table 6.

Parameter	Test Conditions/Comments	Min	Тур	Max	Unit
POWER-DOWN (PD)					
PD Input Voltage	Powered down		$\leq (+V_S - 2.5)$		V
	Enabled		\geq (+V _S - 1.8)		V
Turn-Off Time			1100		ns
Turn-On Time			16		ns
PD Pin Bias Current per Amplifier					
Enabled	$\overline{PD} = 5 \text{ V}$	-10	+0.7	+10	μΑ
Disabled	$\overline{PD} = 0 \text{ V}$	-100	-70	-40	μА
OPERATING TEMPERATURE RANGE		-40		+105	°C

General Performance

Table 6.

Parameter	Test Conditions/Comments	Min	Тур	Max	Unit
POWER-DOWN (PD)			·	·	
PD Input Voltage	Powered down		$\leq (+V_S - 2.8)$		V
	Enabled		≥(+V _S - 2.2)		V
Turn-Off Time			1100		ns
Turn-On Time			16		ns
PD Pin Bias Current per Amplifier					
Enabled	PD = 5 V	-1	+0.25	+1	μΑ
Disabled	PD = 0 V	-75	-45	-15	μΑ
OPERATING TEMPERATURE RANGE		-40		+105	°C

END



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