

ADG5412 Family Data Sheet changes

This document highlights the performance changes on the data sheets of the ADG5412 family of Analog Switch and Multiplexers.

There are 4 generics included in this document and they are as follows:

1. ADG5412/ADG5413
2. ADG5404
3. ADG5436

The tables below show a datasheet specification comparison of the current datasheet specification to the updated version for each generic. The changed specifications are highlighted in red font.

1. ADG5412/ADG5413 SPECIFICATION CHANGES FROM Rev. C to Rev. D

	Rev. C			Rev.D			
		−40°C to +85°C	−40°C to +125°C		−40°C to +85°C	−40°C to +125°C	
Parameter	+25°C			+25°C			Unit
LEAKAGE CURRENTS							
Source Off Leakage, I _s (Off)	±0.05			±0.05			nA typ
	±0.25	±0.75	±3.5	±0.25	±0.75	±6	nA max
Drain Off Leakage, I _d (Off)	±0.05			±0.05			nA typ
	±0.25	±0.75	±3.5	±0.25	±0.75	±6	nA max
Channel On Leakage, I _d (On), I _s (On)	±0.1			±0.1			nA typ
	±0.4	±2	±12	±0.4	±2	±12	nA max

2. ADG5404 SPECIFICATION CHANGES FROM Rev. A to Rev. B

	Rev. A			Rev. B			
		−40°C to +85°C	−40°C to +125°C		−40°C to +85°C	−40°C to +125°C	
Parameter	+25°C			+25°C			Unit
LEAKAGE CURRENTS							
Source Off Leakage, I _s (Off)	±0.05 ±0.25	±0.75	±3.5	±0.05 ±0.25	±0.75	±6	nA typ nA max
Drain Off Leakage, I _d (Off)	±0.1 ±0.4	±2	±12	±0.1 ±0.4	±2	±16	nA typ nA max
Channel On Leakage, I _d (On), I _s (On)	±0.1 ±0.4	±2	±12	±0.1 ±0.4	±2	±16	nA typ nA max

3. ADG5436 SPECIFICATION CHANGES FROM Rev. B to Rev. C

	Rev. B			Rev. C			
Parameter	+25°C	−40°C to +85°C	−40°C to +125°C	+25°C	−40°C to +85°C	−40°C to +125°C	Unit
LEAKAGE CURRENTS							
Source Off Leakage, I _s (Off)	±0.05 ±0.25	±0.75	±3.5	±0.05 ±0.25	±0.75	±6	nA typ nA max
Drain Off Leakage, I _b (Off)	±0.1 ±0.4	±2	±12	±0.1 ±0.4	±2	±12	nA typ nA max
Channel On Leakage, I _b (On), I _s (On)	±0.1 ±0.4	±2	±12	±0.1 ±0.4	±2	±12	nA typ nA max