

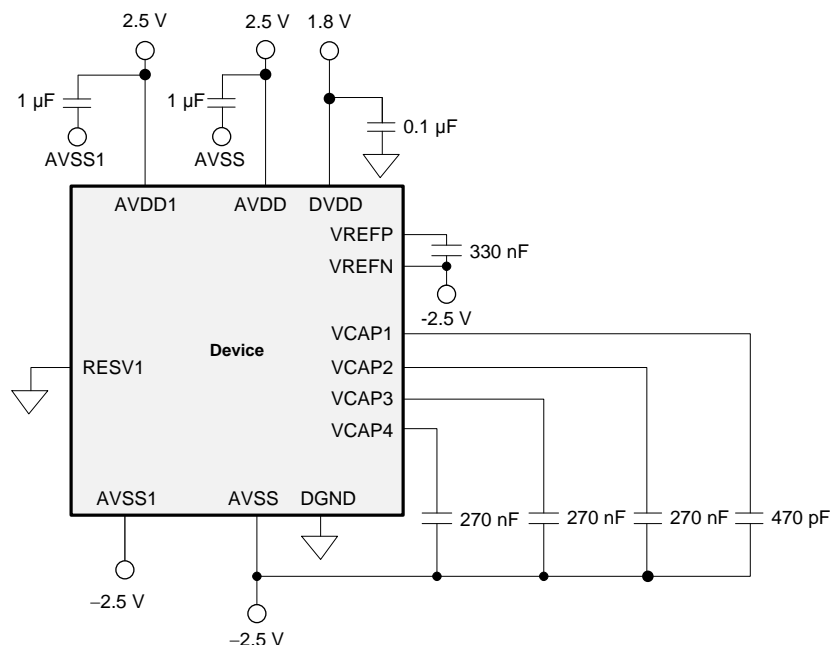
ADS131E08S

SBAS705A –JUNE 2015–REVISED JANUARY 2016

www.ti.com

11.4 Device Connections for Bipolar Power Supplies

Figure 68 shows the ADS131E08S connected to a bipolar supply. In this example, the analog supply (AVDD) is referenced to the analog ground (AVSS) and the digital supply (DVDD) is referenced to the digital ground (DGND). The ADS131E08S supports an analog supply range of AVDD and AVSS = ± 1.5 V to ± 2.5 V when operated in bipolar supply mode.



NOTE: Place the supply, reference, and VCAP1 to VCAP4 capacitors as close to the package as possible.

Figure 68. Bipolar Power Supply Operation