

SOF207

Quad ADC @ 3GSPS, Direct RF Clocking, SOFI Module



SOF207

Key Features

- Quad ADC 14-bit @ 3 GSPS (dual AD9208)
- Optional additional quad ADC using a further two AD9208
- Direct front-panel clocking of ADCs

SOF207 is a direct clocking card with up to two AD9208s. Optional daughter card DA746 adds another two AD9208s, supporting up to eight ADC channels in total. Direct front-panel clocking of ADCs supports configurations requiring multi-module phase alignment.

NOTE: This module is not orderable as a standalone item and must be purchased as part of an AMSxxx (AMC module) or VPSxxx (3U VPX module) product. See [SOFI Overview](#) for details.



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Figure 1: SOF207

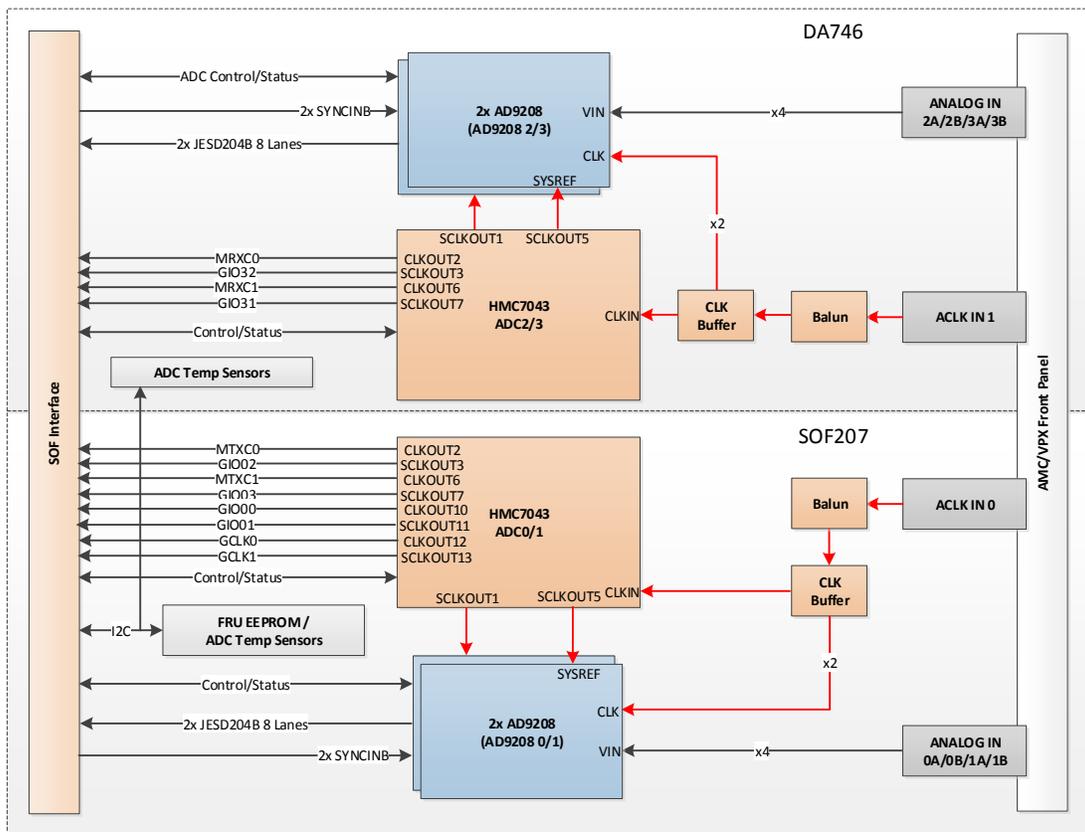


Figure 2: SOF207 and DA746 Functional Block Diagram

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SOFI Modules

SOFI modules are physically similar to FMC modules but are incompatible with FMC carriers, and are not designed to be interchangeable in the field.

See [SOFI Overview](#) for compatibility with AMC and 3U VPX carriers. If the particular combination of form factor, FPGA and ADC/DAC performance you require is not yet listed, please contact your local VadaTech sales team for details of how we can support you.

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