SOF207

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

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.
Figure 1: SOF207

Figure 2: SOF207 and DA746 Functional Block Diagram
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.

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.