SOF205
Quad ADC and quad DAC, SOFI Module

Key Features
- Quad ADC 14-bit @ 3 GSPS (dual AD9208)
- Quad DAC 16-bit @ 12 GSPS (quad AD9162 or AD9164)
- Onboard Wideband PLL structure
- LMK04821/8 PLL (with 100 MHz VCXO) for JESD lane clocking and sysref

SOF205 is a PLL card with up to 4 DACs (AD9162 or AD9164). An optional daughter card DA771 is used in combination with SOF205 to provide up to 2 AD9208s. A single reference clock feeds the onboard PLL for both ADCs and DACs.

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.
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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