SOF222

Dual ADC 12-bit @ 10.2 GSPS with Dual DAC 16-bit @ 12 GSPS

SOF222

Key Features

- Dual ADC 12-bit @ 10.25 GSPS utilizing Analog Device AD9213
- Dual DAC 16-bit @ 12 GSPS utilizing Analog Device AD9081
- Direct RF Clock input

The SOF222 provides dual ADC sampling rates of up to 12-bit @10.25 GSPS utilizing dual Analog Device AD9213. Also, dual DAC delivers update rates of up to 16-bit @ 12 GSPS utilizing Analog Device AD9081. This makes the module suitable for signal capture/analysis applications such as COMINT/SIGINT, radar, research and instrumentation.

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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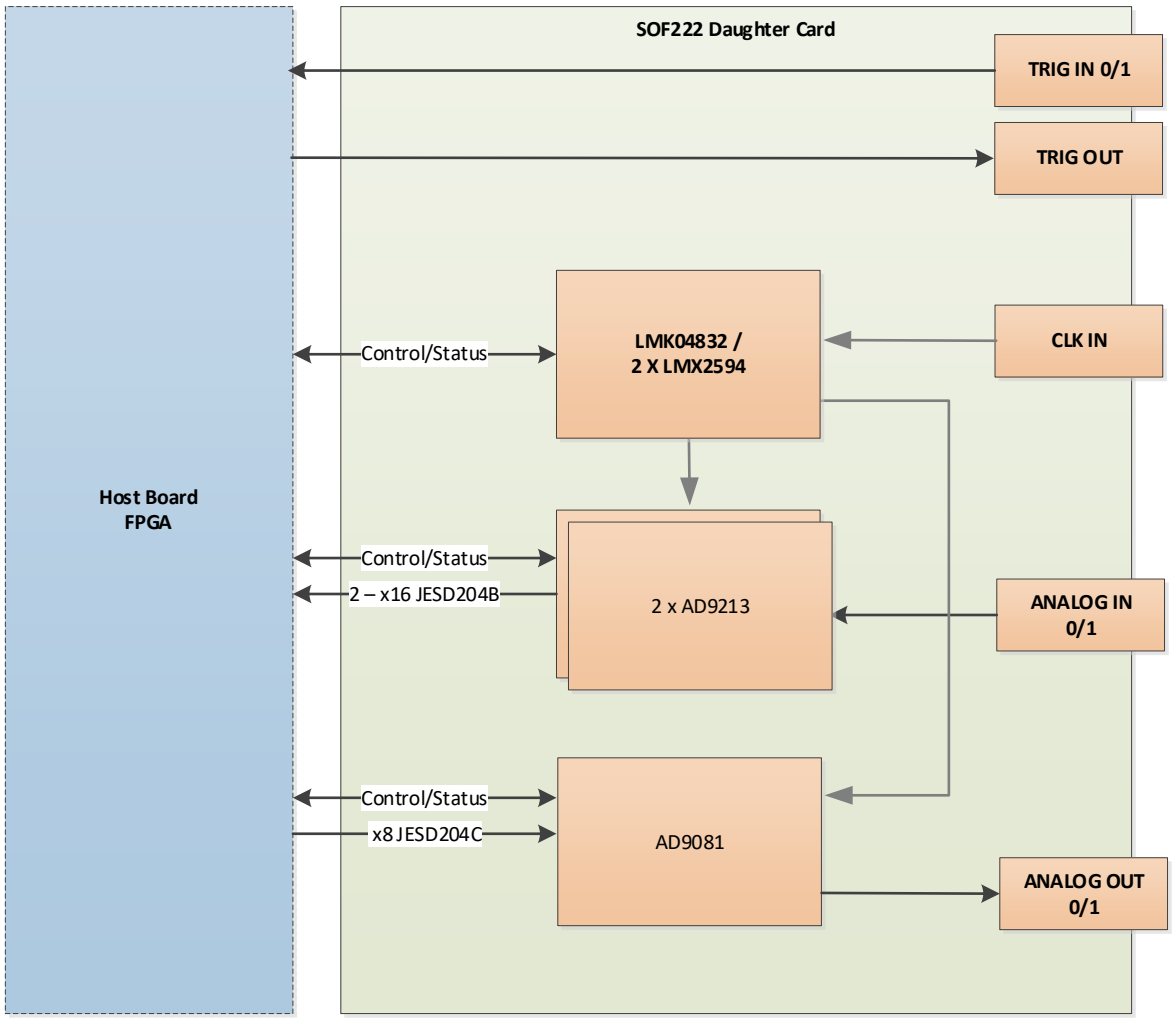

Figure 1: SOF222 Functional Block Diagram

Figure 2: SOF222 with Heatsink

Figure 3: SOF222 without Heatsink

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SOFI Modules

SOFI modules are physically similar to FMC modules but are incompatible with FMC carriers, and 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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