

SOF222

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

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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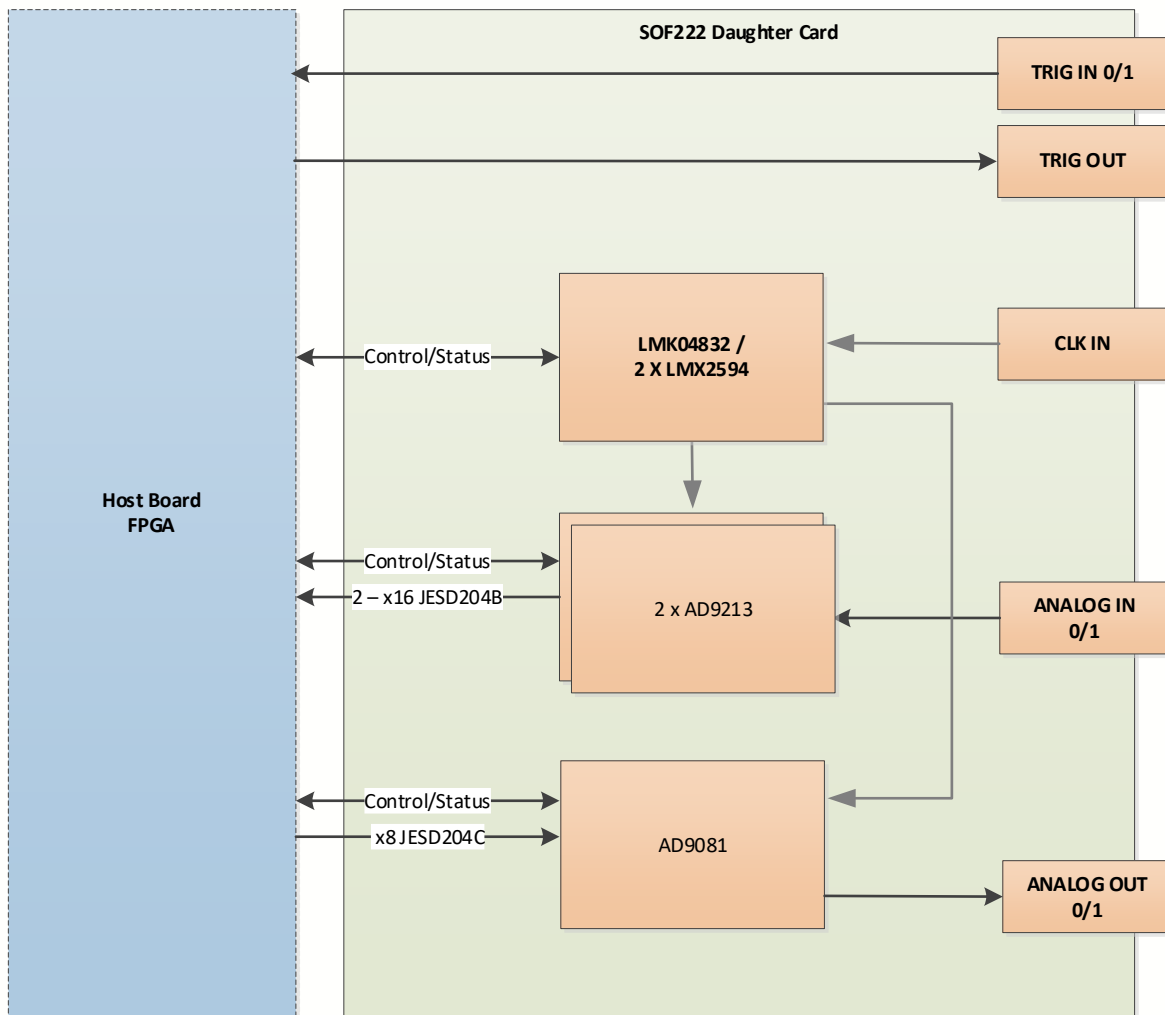


Figure 1: SOF222 Functional Block Diagram

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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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