

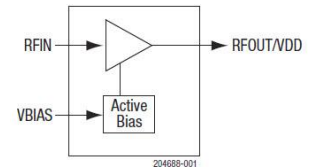
### Skyworks **New** Space Grade LNA SKYH22001

Hermetically Sealed Broadband Low-Noise Amplifier for High-Reliability Space and Military Applications

The SKYH22001 is an ultra-broadband hermetically sealed low-noise amplifier with superior gain flatness and exceptional linearity. This LNA is packaged in a hermetically sealed ceramic QFP 14-pin 7 x 7 mm package. The internal active bias circuitry provides stable performance over temperature and process variation. The device offers the ability to externally adjust supply current.

#### Key Features:

- Hermetic QFN Package
- Low Noise – Typical 1,2 dB
- Temperature -55°C to 125°C
- Operating Frequency 0,3 to 3,8GHz
- Input and Output matched to 50 Ohm
- Plug & Play Solution (Chip and Peripherals integrated)
- Space Grad Screening and Quality Conformance Testing



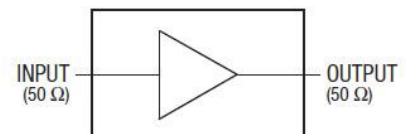
### Skyworks **New** Space Grade AMP SKYH22002

Hermetically Sealed Cascadable Amplifier for High-Reliability Space and Military Applications

Skyworks SKYH22002 is a general purpose broadband amplifier fabricated from the Skyworks InGaP HBT process. The device's 50 Ω input and output impedance allow it to be easily cascaded without external impedance matching networks. The typical -3 dB bandwidth of the SKYH22002 is 0.1 to 6 GHz.

#### Key Features:

- Hermetic QFN Package
- Temperature -55°C to 125°C
- Single Supply
- Operating Frequency 0,1 to 6GHz
- Small Signal Gain: 20dB typical @ 2GHz
- Input and Output matched to 50 Ohm
- Plug & Play Solution (Chip and Peripherals integrated)
- Space Grad Screening and Quality Conformance Testing



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