

View Online at <https://aerobasegroup.com/nsn/7050-01-509-1766>

Operating Temperature Range:

-40.0/+85.0 degrees celsius

End Application:

Core b instal

Unit Design:

Internal circuit card

Special Features:

Is a complete, multipurpose, 12-bit analog-to-digital converter, consisting of a user-transparent onboard sample-and-hold amplifier (sha), 10 volt reference, clock and three-state output buffers for microprocessor interface, pin compatible with the industry standard ad574a and ad674a, but includes a sampling function while delivering a faster conversion rate. The on-chip sha has a wide input bandwidth supporting 12-bit accuracy over the full nyquist bandwidth of the converter, fully specified for ac parameters (such as $s/(n+d)$ ratio, thd, and imd) and dc parameters (offset, full-scale error, etc.). With both ac and dc specifications, the ad1674 is ideal for use in signal processing and traditional dc measurement, design is implemented using analog devices' bimos ii process allowing high performance bipolar analog circuitry to be combined on the same die with digital cmos logic

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A50810