

Re: Texas TMS1232 Delta Sigma converters

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Hello Adrian,

Anyone played with these ? Any good tips on layout and input filtering to remove as much noise as possible ?

As John said, 50/60Hz easily gets in. Use a coupling transformer between your source (generator?) and the ADC board.

Make sure you have one solid ground plane. Use SMT bypass caps at all supply pins, right from pin to ground plane, no wires. Filter the heck out of your power supply to make sure no low frequency stuff gets in. Bench power supplies can exhibit huge noise levels.

Regards, Joerg

<http://www.analogconsultants.com>

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