<https://www.mouser.com/ProductDetail/Texas-Instruments/ADC08100CIMTC-NOPB?qs=7X5t%252BdzoRHDOkS2%252B9%2FZhUQ%3D%3D>

* ADC08100CIMTC/NOPB
* Price: $10.39
* Analog Supply Voltage: 3V
* Digital Supply Voltage: 2.5 - 3 V

<https://www.mouser.com/ProductDetail/Analog-Devices/AD9283BRSZ-100?qs=%2FtpEQrCGXCws7n9Ms0DK1Q%3D%3D>

* AD9283BRSZ-100
* Price: $25.11
* Not good enough analog supply voltage

<https://www.digikey.com/en/products/detail/analog-devices-inc/AD9283BRSZ-RL50/621674>

* AD9283BRSZ-RL50
* Price: $10.84000
* Not good enough analog supply voltage

<https://www.mouser.com/ProductDetail/Texas-Instruments/ADC1175CIMTCX-NOPB?qs=7X5t%252BdzoRHDpmj%2FqYfTkJA%3D%3D>

* ADC1175CIMTCX/NOPB
* Price:$3.88
* Sampling Rate: 20 MS/s
* Analog Supply Voltage: 4.75-5.25V
* Digital Supply Voltage: 4.75-5.25V
* Vreference top: 1 to VDD
* Reference bottom: 0 to 4 V
* Supply Voltage Min/Max: 5V
* SNR: 47.6 dB
* SINAD: 45.7 dB
* Resolution: 8bit
* Power Consumption: 60mW(Low Power)
* Architecture: 2-step
* #ADC Inputs: 1
* #Converters: 1
* Sample and Hold: Yes
* CLK MAX: 30 HZ

<https://www.mouser.com/ProductDetail/Texas-Instruments/ADS830E?qs=%252BvKcWiXw%252BzS8Sgj%2FHDgMbA%3D%3D>

* ADS830E
* Price:$9.15
* Sampling Rate: 60 MS/s
* Analog Supply Voltage: 4.75-5.25V
* Analog Input: -0.3V to (+Vs + 0.3V) *+Vs = 6V*
* Vreference top: REFB + 0.8 to Vs - 1.25 *Vs=6V*
* Reference bottom: 1.25 to REFT - 0.8
* Supply Voltage Max: 5.25V
* SNR: 49.5 dB
* SINAD: 48 dB
* Resolution: 8bit
* Power Consumption: 215mW (low power?)
* Architecture: Pipeline
* #Converters: 1
* Moisture sensitive: Yes
* Input Type: differential/single ended
* CLK MAX: 60 MHz

<https://www.mouser.com/ProductDetail/Texas-Instruments/TLC5540IPW?qs=3pnr37ZAbK9MwLUKqvHE5Q%3D%3D>

* TLC5540IPW
* Price:$9.76
* Sampling Rate: 40 MS/s
* Analog Supply Voltage: 4.75-5.25V
* Digital Supply Voltage: 4.75-5.25V
* Vreference top/bot: AGND to VDDA
* Operating Supply Voltage Max: 4.75-5.25V
* SNR: 47 dB
* SINAD: 43.3 dB
* Resolution: 8bit
* Power Consumption: 85mW(Low Power)
* Architecture: Half-Flash
* #ADC Inputs: 1
* #Converters: 1
* Input Type: Single-Ended
* # Channels: 1
* CLK: 40MHz

<https://www.mouser.com/ProductDetail/Texas-Instruments/TLC5540CNS?qs=oFh0aswXlb92U%252BhGnbZdpw%3D%3D>

* TLC5540CNS
* Price:$9.76
* Sampling Rate: 40 MS/s
* Analog Supply Voltage: 4.75-5.25V
* Digital Supply Voltage: 4.75-5.25V
* SNR: 47 dB
* IN stock: 58

<https://www.mouser.com/ProductDetail/Texas-Instruments/ADC10321CIVT-NOPB?qs=7X5t%252BdzoRHAaKU9dgb%252Bd1A%3D%3D>

* ADC10321CIVT/NOPB
* Price:$7.71
* Sampling Rate: 20 MS/s
* Analog Supply Voltage: 5V
* Digital Supply Voltage: 2.7-5.25V
* SNR: 60 dB
* Power: 98 mW

<https://www.mouser.com/ProductDetail/Texas-Instruments/AMC1305L25QDWQ1?qs=Mv7BduZupUjm7dtnIVbRVw%3D%3D>

* AMC1305L25QDWQ1
* Price: $10.74
* Sampling Rate: 20 MS/s
* Analog Supply Voltage: 5V
* Digital Supply Voltage: 3.3-5.5V
* SNR: 85 dB
* Power: 36.1 mW
* Resolution: 16 bits
* Input type: Differential

<https://www.mouser.com/ProductDetail/Analog-Devices/AD9057BRSZ-80?qs=%2FtpEQrCGXCxieD3KNLRBnA%3D%3D>

## AD9057BRSZ 80/60/40

* Price: $12.34
* Sampling Rate: 80 MS/s
* Analog Supply Voltage: 5V
* Digital Supply Voltage: 5V
* SNR: 46 dB
* Power: 220mW
* INput type: Single Ended

<https://www.mouser.com/ProductDetail/Texas-Instruments/ADC141S626CIMM-NOPB?qs=7X5t%252BdzoRHCk2zqpP70%252BpA%3D%3D>

* ADC141S626CIMM/NOPB

<https://www.mouser.com/ProductDetail/Analog-Devices/AD7942BRMZ-RL7?qs=%2FtpEQrCGXCw%252B4G6iQeCPpg%3D%3D>

# AD7942BRMZ-RL7

<https://www.mouser.com/ProductDetail/Analog-Devices/LTC1861IS8PBF?qs=hVkxg5c3xu%2Fedutq9jpSOA%3D%3D>

<https://www.mouser.com/ProductDetail/Analog-Devices/LTC1861IMSPBF?qs=hVkxg5c3xu%2FC1U2%252B9QVurQ%3D%3D>

<https://www.mouser.com/ProductDetail/Analog-Devices/AD7992BRMZ-0?qs=%2FtpEQrCGXCx5hDFtpTYpsg%3D%3D>

<https://www.mouser.com/ProductDetail/Analog-Devices-Maxim-Integrated/MAX1032BEUG%2b?qs=pOU3usejv6cXhsSRoaa9AA%3D%3D>

<https://www.mouser.com/ProductDetail/Analog-Devices/AD7942BRMZ-RL7?qs=%2FtpEQrCGXCw%252B4G6iQeCPpg%3D%3D>

<https://www.mouser.com/ProductDetail/Analog-Devices/AD7940BRMZ-REEL7?qs=%2FtpEQrCGXCxLQPNwCNFazw%3D%3D>

<https://www.mouser.com/ProductDetail/Texas-Instruments/ADC141S626CIMM-NOPB?qs=7X5t%252BdzoRHCk2zqpP70%252BpA%3D%3D>

MCP3201-CI/SN

<https://www.mouser.com/ProductDetail/Microchip-Technology/MCP3201-CI-SN?qs=9y3LFqDLL8L6Qsy36gCZ%252Bw%3D%3D>

12 bit resolution

SPI (mode 0,0 and 1,1).

Single supply operation 5.5V.

100ksps clock up to 1.5 MHz

400uA maximum active current

Industrial temp range to 85 C

SOIC-8

Pseudo-differential input

VDD max 7V

All inuts and outputs -0.6 V to VDD + 0.6V

SINAD 72 is okay.

Ref input VDD max

Ref input Current drain typically 100uA and max 150 uA

Vss = ground.

IN- min is Vss - 100 mV, max Vss + 100 mV

Switch resistance typically 1K

Input and Output leakage current 10uA

Input and output capacitance = 10pF

Operating voltage Min (V\_DD) = 2.7V, Max = 5.5V.

Operating Current (I\_DD) = 300uA typically, 400 uA Max

Standby Current (I\_DDS) = 0.5uA typically and 2uA Max.

Thermal Package resistance 8L-SOOIC = 149.5 C/W