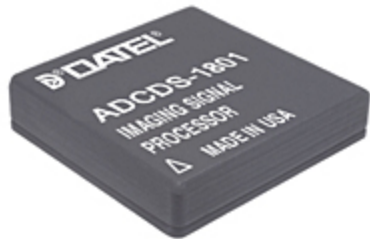


Electronic Imaging



- Functionally complete CCD image converters
- 12 to 18-bit resolution: ADCDS family
 - **Contact us for higher resolution or serial data output models**
- Stand-alone Correlated-Double Sampling amplifiers: CDS family
- Analog Front End programmable bandwidth
- Low noise-low distortion Sampling A/D Converters for Imaging applications: ADS-CCD family
- Sampling rates up to 10 MSPS
- Available in SMT Quad PAK and DDIP packages
- Commercial and military high-reliability versions

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Part Number	Resolution	Sampling Rate	Power Consumption	Signal to Noise Ratio	Operating Temp. Range (min)	Operating Temp. Range (max)	Package Type	RoHS
ADCDS-1403	14 Bit	3 MHz	0.5 W	75 dB	0 °C	+70 °C	TDIP	No
ADCDS-1403-C	14 Bit	3 MHz	0.5 W	75 dB	0 °C	+70 °C	TDIP	Yes
ADCDS-1403EX	14 Bit	3 MHz	0.5 W	75 dB	-55 °C	+125 °C	TDIP	No
ADCDS-1403EX-C	14 Bit	3 MHz	0.5 W	75 dB	-55 °C	+125 °C	TDIP	Yes
ADCDS-1405	14 Bit	5 MHz	0.7 W	74 dB	0 °C	+70 °C	TDIP	No
ADCDS-1405-C	14 Bit	5 MHz	0.7 W	74 dB	0 °C	+70 °C	TDIP	Yes
ADCDS-1405EX	14 Bit	5 MHz	0.7 W	73 dB	-55 °C	+125 °C	TDIP	No
ADCDS-1405EX-C	14 Bit	5 MHz	0.7 W	73 dB	-55 °C	+125 °C	TDIP	Yes
ADCDS-1410	14 Bit	10 MHz	0.800 W	75 dB	0 °C	+70 °C	TDIP	No
ADCDS-1410-C	14 Bit	10 MHz	0.800 W	75 dB	0 °C	+70 °C	TDIP	Yes
ADCDS-1410EX	14 Bit	10 MHz	0.800 W	73 dB	-55 °C	+125 °C	TDIP	No
ADCDS-1410EX-C	14 Bit	10 MHz	0.800 W	73 dB	-55 °C	+125 °C	TDIP	Yes
ADCDS-1410LP	14 Bit	10 MHz	0.7 W	75 dB	0 °C	+70 °C	TDIP	No
ADCDS-1410LP-C	14 Bit	10 MHz	0.7 W	75 dB	0 °C	+70 °C	TDIP	Yes
ADCDS-1603	16 Bit	3 MHz	0.645 W	N/A	0 °C	+70 °C	TDIP	No
ADCDS-1603-C	16 Bit	3 MHz	0.645 W	N/A	0 °C	+70 °C	TDIP	Yes
ADCDS-1603EX	16 Bit	3 MHz	0.645 W	N/A	-40 °C	+125 °C	TDIP	No
ADCDS-1603EX-C	16 Bit	3 MHz	0.645 W	N/A	-40 °C	+125 °C	TDIP	Yes
ADCDS-1603LC-C	16 Bit	3 MHz	0.645 W	N/A	0 °C	+70 °C	Plastic QUAD Pak	Yes
ADCDS-1603LEX-C	16 Bit	3 MHz	0.645 W	N/A	-40 °C	+100 °C	Pastic QUAD Pak	Yes
ADS-CCD1201/883	12 Bit	1.2 MHz	1.7 W	73 dB	-55 °C	+125 °C	DDIP	No
ADS-CCD1201-C/883	12 Bit	1.2 MHz	1.7 W	73 dB	-55 °C	+125 °C	DDIP	Yes

ADS-CCD1201G/883	12 Bit	1.2 MHz	1.7 W	73 dB	-55 °C	+125 °C	SMT	No
ADS-CCD1201GC	12 Bit	1.2 MHz	1.7 W	73 dB	0 °C	+70 °C	SMT	No
ADS-CCD1201G-C/883	12 Bit	1.2 MHz	1.7 W	73 dB	-55 °C	+125 °C	SMT	Yes

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