

**Part Number CDS-1401MM-C, Electronic Imaging**

14 Bit Settling, 1.25MPPS, Correlated Double Sampling (CDS) Circuit,  $\pm 10V$  Input range,  $-55^{\circ}C$  to  $+125^{\circ}C$  temperature range, RoHS Compliant.



Image is for illustration purposes only

**Specifications**

<b>Resolution</b>	14 Bit
<b>Number of Channels</b>	1
<b>Sampling Rate</b>	1 MHz
<b>Acquisition Time</b>	400 ns
<b>Power Consumption</b>	0.7 W
<b>Operating Temp. Range (min)</b>	$-55^{\circ}C$
<b>Operating Temp. Range (max)</b>	$+125^{\circ}C$
<b>Input Range 1st (min)</b>	0 V
<b>Input Range 1st (max)</b>	10 V
<b>Required Supply Voltage 1st</b>	5 V
<b>Required Supply Voltage 3rd</b>	15 V
<b>Required Supply Voltage 4th</b>	-15 V
<b>Package Type</b>	DDIP
<b>RoHS</b>	Yes
<b>Status</b>	Recommended for new design

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