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Category Data Converter

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Data Converter

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Data Converter

D/A Converters 

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A/D Converter 

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D/A Converters

8bit

Standard 8bit Resolution

The converter allows the output voltage to be set with 8-bit precision (256 steps). These popular converters offer feature-rich, highly integrated capabilities.

Part No.	Supply Voltage (V)	ch	Current Consumption (mA)	DNL (LSB)	INL (LSB)	Load Current (mA)	Data Transfer Clock Frequency (MHz)	Input type	Data Latch Method	Package
BH2219FVM	2.7 to 5.5	2	0.4	±1.0	±1.5	±1.0	10	CMOS	LD	MSOP8
BH2227FV	2.7 to 5.5	4	0.8	±1.0	±1.5	±1.0	10	CMOS	CSB	SSOP-B14
BH2228FV	2.7 to 5.5	6	0.8	±1.0	±1.5	±1.0	10	CMOS	CSB	SSOP-B14
BH2226FV	2.7 to 5.5	8	1.1	±1.0	±1.5	±1.0	10	CMOS	CSB	SSOP-B16
BH2223FV	2.7 to 5.5	10	1.6	±1.0	±1.5	±1.0	10	CMOS	LD	SSOP-B16
BH2221FV	2.7 to 5.5	12	1.6	±1.0	±1.5	±1.0	10	CMOS	LD	SSOP-B20

10bit

10bit Resolution

Part No.	Supply Voltage (V)	ch	Current Consumption (mA)	DNL (LSB)	INL (LSB)	Load Current (mA)	Data Transfer Clock Frequency (MHz)	Input type	Data Latch Method	Package
BU2508FV	4.5 to 5.5	4	4.5	±1.0	±3.5	±2.0	10	TTL	LD	SSOP-B14
BU2507FV	4.5 to 5.5	6	4.5	±1.0	±3.5	±2.0	10	TTL	LD	SSOP-B14
BU2506FV	4.5 to 5.5	8	4.5	±1.0	±3.5	±2.0	10	TTL	LD	SSOP-B20
BU2505FV	4.5 to 5.5	10	4.5	±1.0	±3.5	±2.0	10	TTL	LD	SSOP-B20
BU22210MUV	2.7 to 5.5	10	1.2	±0.5	±2.0	±1.0	10	TTL	CSB	VQFN016V3030

A/D Converter

Automotive High Accuracy 12bit A/D Converter

Part No.	Supply Voltage (V)	ch	Current Consumption (mA)	DNL (LSB)	INL (LSB)	Sampling Rate (MSPS)	I/F	Architecture	Package	Automotive Grade AEC-Q100
New BD79104MUF-M	2.7 to 5.25	8	1.1	-0.99 to +1.2	-1.0 to +1.0	1.0	SPI	SAR	VQFN16FV3030 (Wettable Flank)	YES

High Accuracy 12bit A/D Converter (Industrial Equipment Support)

Part No.	Supply Voltage (V)	ch	Current Consumption (mA)	DNL (LSB)	INL (LSB)	Sampling Rate (MSPS)	I/F	Architecture	Package
BU79100G-LA	2.7 to 5.25	1	0.5	-1.0 to +1.0	-1.1 to +1.0	1.0	SPI	SAR	SSOP6
New BD79104FV-LA	2.7 to 5.25	8	1.1	-0.99 to +1.2	-1.0 to +1.0	1.0	SPI	SAR	SSOP-B16