

BCS

Bipolar Current Sources

Key features:

- Very low current noise
- Up to 8 channels
- Unipolar and bipolar version
- Max. current: up to 2 A, 16-bit resolution
- Analog trigger input
- OEM and customized versions available on request

Performance				
Parameter	Min	Typ	Max	Unit
Available channels			8	
Max. current	20		2000	mA
Comppliance voltage			10	V
1/f noise bandwidth		1		Hz
Current noise density (@ 10 Hz)		10		ppb / $\sqrt{\text{Hz}}$
Thermal drift		5		ppm / °C

Geometry and connectivity	
Parameter	Value
Size	195 mm × 106 mm × 56 mm
Weight	< 1 kg
Digital interface	USB-C, Ethernet



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