





# CAT5171

## (POT)256 I2C

CAT5171 256 POT I2C AD0 2 I2C CAT5171 2.7 V 5.5 V 2 μA CAT5171 CAT5171 AD5245 -40°C + 85°C

- 256-position
  - End-to-End Resistance: 50 kΩ, 100 kΩ;
  - I2C Compatible Interface
  - Power-on Preset to Midscale
  - Single Supply 2.7 V to 5.5 V
  - Low Temperature Coefficient 100 ppm/°C
  - Low Power, IDD 2 μA max
  - Wide Operating Temperature -40°C to +85°C
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- Potentiometer Replacement
  - Transducer Adjustment of Pressure, Temperature, Position, Chemical, and Optical Sensors
  - RF Amplifier Biasing
  - Gain Control and Offset Adjustment
  - Industrial Equipment

	Pricing (\$/Unit)	Compliance	Status	# of Pots	# of Taps	Type	Control Interface	Resistance Typ (kΩ)	V <sub>H</sub> Max (V)	Wiper Position Memory	V <sub>DD</sub> Max (V)	Package Type
CAT5171TBI-00GT3	0.69	 	Active	1	256	Potentiometer	I2C	100	VCC	No	5.5	SOT-23-8
CAT5171TBI-50GT3	0.4533	 	Active	1	256	Potentiometer	I2C	50	VCC	No	5.5	SOT-23-8