

NJRC's Voltage Reference IC Line-up, featuring the NJM2823

NJR
NEWS

2005 **55**

August 16, 2005

NJM2823

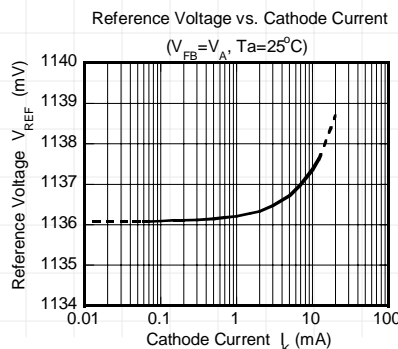
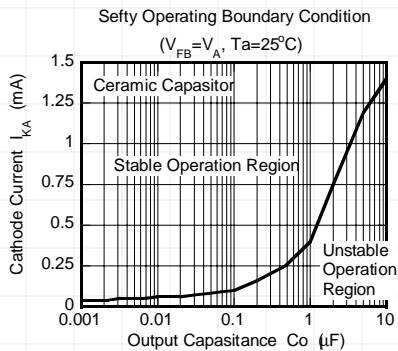
NJRC Voltage Reference IC series

This newsletter talks about NJRC'S Voltage Reference IC, the NJM2823.

FEATURES

- V_{REF} is Adjustable by External Resistors
- Excellent Reference Voltage Accuracy : $1136\text{mV} \pm 0.4\%$
- Low Temperature Coefficient : $15\text{ppm}/^\circ\text{C}$ typ.
- Low Quiescent Current : $60\mu\text{A}$ max.
- No Output Capacitor Required
- Tolerates Capacitive Loads
- Bipolar Technology
- Package Outline: SOT-23-5

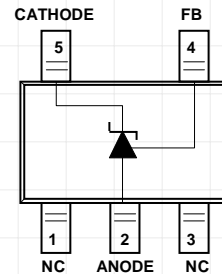
CHARACTERISTICS



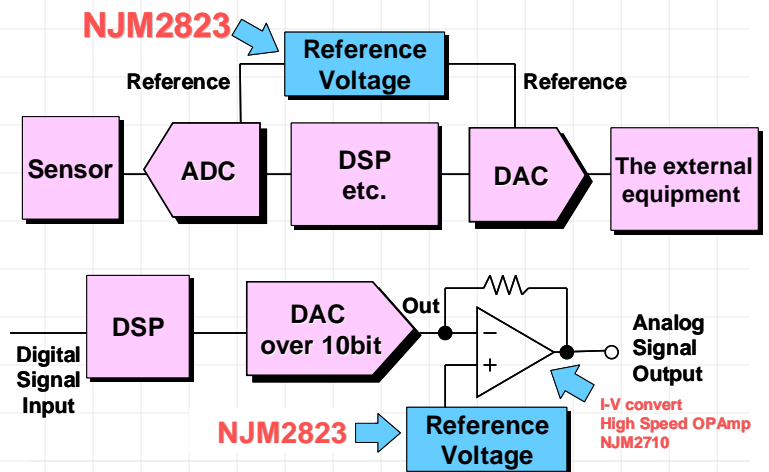
APPLICATIONS

For the reference voltage in DSP, LCD, Communication, Sensor and Industrial Systems.

BLOCK DIAGRAM



APPLICATION CIRCUIT



ASSOCIATED PRODUCTS

NJM2820: $V_{ref}=1250\text{mV} \pm 0.7\%$ Voltage reference

NJM2342: Quad Buffer for Reference Circuit

JRC **NJR CORPORATION**
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