

## 製品概要

## N25S830HA: Serial SRAM Memory, 256-kb, 3.0 V

技術情報は、データシートをご参照ください。

The ON Semiconductor serial SRAM family includes several integrated memory devices including this 256 kb serially accessed Static Random Access Memory, internally organized as 32 k words by 8 bits. The devices are designed and fabricated using advanced CMOS technology to provide both high-speed performance and low power. The devices operate with a single chip select (CS) input and use a simple Serial Peripheral Interface (SPI) serial bus. A single data in and data out line is used along with a clock to access data within the devices. The N25S830HA devices include a HOLD pin that allows communication to the device to be paused. While paused, input transitions will be ignored. The devices can operate over a wide temperature range of -40°C to +85°C and can be available in several standard package offerings.

## 特長

- 2.7 to 3.6 V power supply range
- Very low standby current - typical  $I_{sb}$  as low as 1  $\mu$ A
- Very low operating current - as low as 3 mA
- Simple memory control: single chip select (CS), serial input (SI) and serial output (SO)
- Flexible operating modes: word read and write, page mode (32 word page), and burst mode (full array)
- 32 K x 8 bit organization
- Self timed write cycles
- Built-in write protection (CS high)
- HOLD pin for pausing communication

## 電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Type	Density	Organization (bits)	$f_{cycle}$ Max (MHz)	$V_{CC}$ Min (V)	$V_{CC}$ Max (V)	$I_{standby}$ Typ ( $\mu$ A)	Package Type
N25S830HAS22I	1.0666	Pb-free Halide free	Active	Serial	256 kb	32k x 8	20	2.7	3.6	1	SOIC-8
N25S830HAT22I	1.0666	Pb-free Halide free	Active	Serial	256 kb	32k x 8	20	2.7	3.6	1	TSSOP-8

詳細は、弊社 [www.onsemi.jp](http://www.onsemi.jp) の営業または販売代理店にお問い合わせください。

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