

Flash Memory, Serial NOR, 2 Mbit, 256K x 8bit, SPI, SOIC, 8 Pins

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	SOP8
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for LE25U20AMB-AH or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

The LE25U20AMB is a serial interface-compatible flash memory device with a 256K x 8-bit configuration. It uses a single 2.5 V power supply. While making the most of the features inherent to a serial flash memory device, the LE25U20AMB is housed in an 8-pin ultra-miniature package. These features make this device ideally suited to storing program codes in applications such as portable information devices, which are required to have increasingly more compact dimensions. Moreover, by using the small sector erase function this product is also suitable for the parameter or the date storage usage with comparatively little rewriting times that becomes a capacity shortage in EEPROM.

## Features

Read/write operations enabled by single 2.5 V power supply: 2.30 to 3.60 V supply voltage range

2.5 V single power supply

Operating frequency : 30 MHz

High data transfer rate

Temperature range : -40 to 85°C

Fast erase and programming time

Serial interface : SPI mode 0, mode 3 supported

High reliability

Sector size : 4K bytes/small sector, 64K bytes/sector

Small sector erase, sector erase, chip erase functions

Page program function (256 bytes / page)

Block protect function

Status functions : Ready/busy information, protect information

Highly reliable read/write

Data retention period : 20 years

## Application

ONSEMI

## Related Products



### [N01S830HAT221](#)

ON Semiconductor, LLC  
TSSOP-8



### [CAT25256YI-GT3](#)

ON Semiconductor, LLC  
TSSOP-8



### [CAT24M01YI-GT3](#)

ON Semiconductor, LLC  
TSSOP-8



### [CAT24C512YI-GT3](#)

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### [CAT24M01XI-T2](#)

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### [CAT24C512XI-T2](#)

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[CAT93C46BVI-GT3](#)

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[CAT25512VI-GT3](#)

ON Semiconductor, LLC  
SOIC-8