



# Conversion Guide

## Micron EOL M25P Products

# Micron M25P to Adesto FUSION and Standard Flash Conversion Guide

Designers, component engineers and sourcing teams are moving quickly to qualify alternatives that can support their long term demand and stabilize pricing due to the Micron EOL of all low density memory solutions.

The Adesto FUSION brand NOR Flash Memory is a highly compatible replacement for the Micron M25P series SPI products.

Conversion Guides are also available on our website for the Micron M45PE and the M25PE family of products.

The Adesto Fusion is pin and DC performance compatible to the Micron products, although consideration is needed with respect to the application command sets and Op Codes.

The Micron M25P family consists of selections ranging from 512Kbit to 32 Mbit. Adesto's FUSION is currently available in 512Kbit to 4 Mb with the 8 Mb and 16 Mb selections are on schedule for mass production release. As an alternative for those designs requiring memory density of 8 Mb to 32 Mbit today, the Adesto Standard Flash AT25SF family is included in this comparison.

Contact [miconconvert@adestotech.com](mailto:miconconvert@adestotech.com) for technical assistance , request samples and learn more about the Adesto Longevity Program .

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## Pin Identical Adesto Recommended Replacements

| Micron Device | Recommended Replacement<br>(pin identical) | Available | ADDITIONAL ADESTO SOLUTIONS Available Now<br><i>pin identical, wider voltage and LOWEST energy</i> |
|---------------|--------------------------------------------|-----------|----------------------------------------------------------------------------------------------------|
| M25P05        | AT25DN512C                                 | Now       | AT25DF512C                                                                                         |
| M25P10        | AT25DN011                                  | Now       | AT25DF011 -or- AT25XE011                                                                           |
| M25P20        | AT25DF021A                                 | Now       | AT25DXE021A                                                                                        |
| M25P40        | AT25DF041B                                 | Now       | AT25XE041B                                                                                         |
| M25P80        | AT25DF081B                                 | Q1_2018   | AT25SF081                                                                                          |
| M25P16        | AT25DF161A                                 | Q2_2018   | AT25SF161                                                                                          |
| M25P32        | AT25SF321                                  | Now       |                                                                                                    |

## Exact Part Number Cross-Reference

| Micron Part Number | Adesto Part Number               | Available | Adesto Part Number                   | Available |
|--------------------|----------------------------------|-----------|--------------------------------------|-----------|
| M25P05-AVMN6P      | AT25DN512C-SSHF-T                | Now       | AT25DF512C-SSHN-T                    | Now       |
| M25P05-AVMN6TP     | AT25DN512C-SSHF-T                | Now       | AT25DF512C-SSHN-T                    | Now       |
| M25P10-AVMB3TP/Y   | AT25DN011-MAHFHR-T               | Now       | AT25DF011-MAHNHR-T                   | Now       |
| M25P10-AVMB6TG     | AT25DN011-MAHF-T                 | Now       | AT25DF011-MAHN-T<br>AT25XE011-MAHN-T | Now       |
| M25P10-AVMN3TP/Y   | AT25DN011-SSHFHR-T               | Now       | AT25DF011-SSHNHR-T                   | Now       |
| M25P10-AVMN6P      | AT25DN011-SSHF-T                 | Now       | AT25DF011-SSHN-T<br>AT25XE011-SSHN-T | Now       |
| M25P10-AVMN6TP     | AT25DN011-SSHF-T                 | Now       | AT25DF011-SSHN-T<br>AT25XE011-SSHN-T | Now       |
| M25P10-AVMN6TPYA   | AT25DN011-SSHF-T                 | Now       | AT25DF011-SSHN-T<br>AT25XE011-SSHN-T | Now       |
| M25P10-AVMP6G      | AT25DN011-MAHF-T                 | Now       | AT25XE011-MAHN-T<br>AT25DF011-MAHN-T | Now       |
| M25P10-AVMP6TG     | AT25DN011-MAHF-T                 | Now       | AT25XE011-MAHN-T<br>AT25DF011-MAHN-T | Now       |
| M25P10-V6D11       | AT25DN011-DWF                    | Now       | AT25DF011-DWF                        | Now       |
| M25P16-V6D11       | AT25DF161A-DWF                   | Q2_2018   | AT25SF161-DWF                        | Now       |
| M25P16-VMC6G       | AT25DF161A-MAHN-T <sup>(1)</sup> | Q2_2018   |                                      |           |
| M25P16-VMC6TG      | AT25DF161A-MAHN-T <sup>(1)</sup> | Q2_2018   |                                      |           |
| M25P16-VME6G       | AT25DF161A-MHN-T <sup>(2)</sup>  | Q2_2018   |                                      |           |
| M25P16-VME6TG      | AT25DF161A-MHN-T <sup>(2)</sup>  | Q2_2018   |                                      |           |
| M25P16-VMF3TPB     | AT25DF161A-SHNHR-T               | Q2_2018   |                                      |           |
| M25P16-VMF6P       | AT25DF161A-SHN-T                 | Q2_2018   | AT25SF161-SHD-T                      | Now       |
| M25P16-VMF6TP      | AT25DF161A-SHN-T                 | Q2_2018   | AT25SF161-SHD-T                      | Now       |
| M25P16-VMN3PB      | AT25DF161A-SSHNHR-T              | Q2_2018   |                                      |           |
| M25P16-VMN3TPB     | AT25DF161A-SSHNHR-T              | Q2_2018   |                                      |           |
| M25P16-VMN3YPB     | AT25DF161A-SSHNHR-T              | Q2_2018   |                                      |           |
| M25P16-VMN6P       | AT25DF161A-SSHN-T                | Q2_2018   | AT25SF161-SSHD-T                     | Now       |
| M25P16-VMN6PBA     | AT25DF161A-SSHN-T                | Q2_2018   | AT25SF161-SSHD-T                     | Now       |
| M25P16-VMN6TP      | AT25DF161A-SSHN-T                | Q2_2018   | AT25SF161-SSHD-T                     | Now       |
| M25P16-VMN6TPBA    | AT25DF161A-SSHN-T                | Q2_2018   | AT25SF161-SSHD-T                     | Now       |
| M25P16-VMN6YPBA    | AT25DF161A-SSHN-T                | Q2_2018   | AT25SF161-SSHD-T                     | Now       |
| M25P16-VMP6G       | AT25DF161A-MHN-T                 | Q2_2018   | AT25SF161-MHD-T                      | Now       |
| M25P16-VMP6TG      | AT25DF161A-MHN-T                 | Q2_2018   | AT25SF161-MHD-T                      | Now       |
| M25P16-VMW6G       | AT25DF161A-SHN-T                 | Q2_2018   | AT25SF161-SHD-T                      | Now       |
| M25P16-VMW6TG      | AT25DF161A-SHN-T                 | Q2_2018   | AT25SF161-SHD-T                      | Now       |

## Exact Part Number Cross-Reference (cont'd)

| Micron Part Number | Adesto Part Number               | Available | Adesto Part Number               | Available |
|--------------------|----------------------------------|-----------|----------------------------------|-----------|
| M25P20-VMN3PB      | AT25DF021A-SSHNHR-T              | Now       |                                  |           |
| M25P20-VMN3TPB     | AT25DF021A-SSHNHR-T              | Now       |                                  |           |
| M25P20-VMN6PB      | AT25DF021A-SSHN-T                | Now       | AT25XE021A-SSHN-T                | Now       |
| M25P20-VMN6TPB     | AT25DF021A-SSHN-T                | Now       | AT25XE021A-SSHN-T                | Now       |
| M25P20-VMN6TPBA    | AT25DF021A-SSHN-T                | Now       | AT25XE021A-SSHN-T                | Now       |
| M25P20-VMP6GB      | AT25DF021A-MHN-T                 | Now       | AT25XE021A-MHN-T                 | Now       |
| M25P20-VMP6TGB     | AT25DF021A-MHN-T                 | Now       | AT25XE021A-MHN-T                 | Now       |
| M25P32-VMF3TPB     | AT25SF321-SHD-T                  | Now       |                                  |           |
| M25P32-VMW3TGB     | AT25SF321-SHDHR-T                | Now       |                                  |           |
| M25P32-VMW6TGBA    | AT25SF321-SHD-T                  | Now       |                                  |           |
| M25P40-VMB3TPB     | AT25DF041B-MAHN-T                | Now       | AT25XE041B-MAHN-T                | Now       |
| M25P40-VMB6TPB     | AT25DF041B-MAHN-T                | Now       | AT25XE041B-MAHN-T                | Now       |
| M25P40-VMN3PB      | AT25DF041B-SSHNHR-T              | Now       |                                  |           |
| M25P40-VMN3TPB     | AT25DF041B-SSHNHR-T              | Now       |                                  |           |
| M25P40-VMN6PB      | AT25DF041B-SSHN-T                | Now       | AT25XE041B-SSHN-T                | Now       |
| M25P40-VMN6PBA     | AT25DF041B-SSHN-T                | Now       | AT25XE041B-SSHN-T                | Now       |
| M25P40-VMN6TPB     | AT25DF041B-SSHN-T                | Now       | AT25XE041B-SSHN-T                | Now       |
| M25P40-VMN6TPBA    | AT25DF041B-SSHN-T                | Now       | AT25XE041B-SSHN-T                | Now       |
| M25P40-VMP6GB      | AT25DF041B-MHN-T                 | Now       | AT25XE041B-MHN-T                 | Now       |
| M25P40-VMP6TGB     | AT25DF041B-MHN-T                 | Now       | AT25XE041B-MHN-T                 | Now       |
| M25P40-VMC6G       | AT25DF041B-MAHN-T <sup>(1)</sup> | Now       | AT25XE041B-MAHN-T <sup>(1)</sup> | Now       |
| M25P40-VMC6TG      | AT25DF041B-MAHN-T <sup>(1)</sup> | Now       | AT25XE041B-MAHN-T <sup>(1)</sup> | Now       |
| M25P80-VMC6G       | AT25DF081B-MAHN-T <sup>(1)</sup> | Q1_2018   | AT25SF081-MAHD-T                 | Now       |
| M25P80-VMC6TG      | AT25DF081B-MAHN-T <sup>(1)</sup> | Q1_2018   |                                  |           |
| M25P80-VMN3PB      | AT25DF081B-SSHNHR-T              | Q1_2018   |                                  |           |
| M25P80-VMN3TPB     | AT25DF081B-SSHNHR-T              | Q1_2018   |                                  |           |
| M25P80-VMN6P       | AT25DF081B-SSHN-T                | Q1_2018   |                                  |           |
| M25P80-VMN6PBA     | AT25DF081B-SSHN-T                | Q1_2018   | AT25SF081-SSHD-T                 | Now       |
| M25P80-VMN6TP      | AT25DF081B-SSHN-T                | Q1_2018   | AT25SF081-SSHD-T                 | Now       |
| M25P80-VMN6TPBA    | AT25DF081B-SSHN-T                | Q1_2018   |                                  |           |
| M25P80-VMP6G       | AT25DF081B-MHN-T                 | Q1_2018   |                                  |           |
| M25P80-VMP6TG      | AT25DF081B-MHN-T                 | Q1_2018   | AT25SF081-MHD-T                  | Now       |
| M25P80-VMW6G       | AT25DF081B-SHN-T                 | Q1_2018   | AT25SF081-SHD-T                  | Now       |
| M25P80-VMW6TG      | AT25DF081B-SHN-T                 | Q1_2018   | AT25SF081-SHD-T                  | Now       |
| M25P80-VMW6TGBA    | AT25DF081B-SHN-T                 | Q1_2018   |                                  |           |

<sup>1</sup>Device Package dimensions are 2x3 mm versus the Micron MC package dimensions of 3x4 mm.

<sup>2</sup>The Micron ME device package is 6x8 mm versus the Adesto recommended replacement which is 5x6 mm.

## Architecture

Take advantage of Adesto Deep Power Down; less than half of Micron solutions

|                          | Micron        |  | Adesto        |  | Adesto        |
|--------------------------|---------------|--|---------------|--|---------------|
| Feature                  | M25P05        |  | AT25DN512C    |  | AT25DF512C    |
| Main Memory Size         | 512 kbit (x8) |  | 512 kbit (x8) |  | 512 kbit (x8) |
| Page Program (byte)      | 1 to 256      |  | 1 to 256      |  | 1 to 256      |
| Erase Sector Size (byte) | 32k           |  | 32k           |  | 32k           |
| Bulk Erase               | ✓             |  | ✓             |  | ✓             |

|                          | M25P10   |  | AT25DN011 |  | AT25DF011 |  | AT25XE011 |
|--------------------------|----------|--|-----------|--|-----------|--|-----------|
| Main Memory Size         | 1 Mb     |  | 1 Mb      |  | 1 Mb      |  | 1 Mb      |
| Page Program (byte)      | 1 to 256 |  | 1 to 256  |  | 1 to 256  |  | 1 to 256  |
| Erase Sector Size (byte) | 32k      |  | 32k       |  | 32k       |  | 32k       |
| Bulk Erase               | ✓        |  | ✓         |  | ✓         |  | ✓         |

|                          | M25P20   |  | AT25DF021A |  | AT25XE021A |
|--------------------------|----------|--|------------|--|------------|
| Main Memory Size         | 2 Mb     |  | 2 Mb       |  | 2 Mb       |
| Page Program (byte)      | 1 to 256 |  | 1 to 256   |  | 1 to 256   |
| Erase Sector Size (byte) | 64k      |  | 64k        |  | 64k        |
| Bulk Erase               | ✓        |  | ✓          |  | ✓          |

□

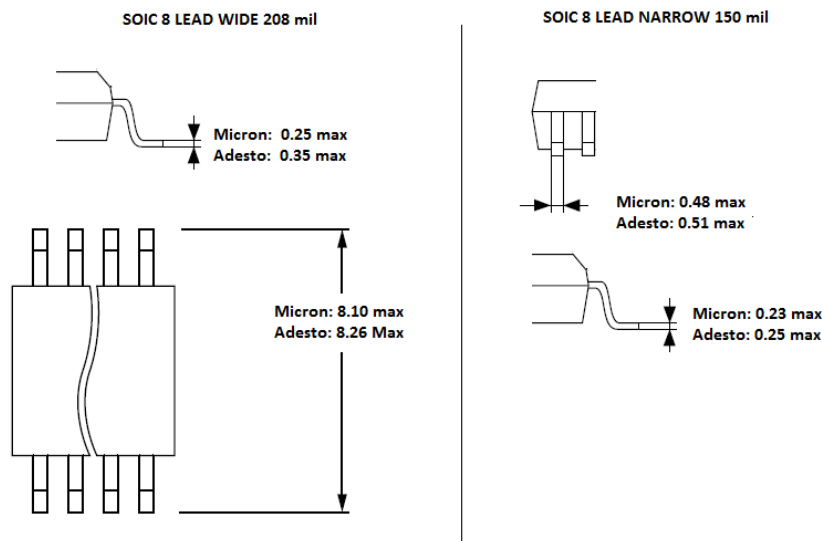
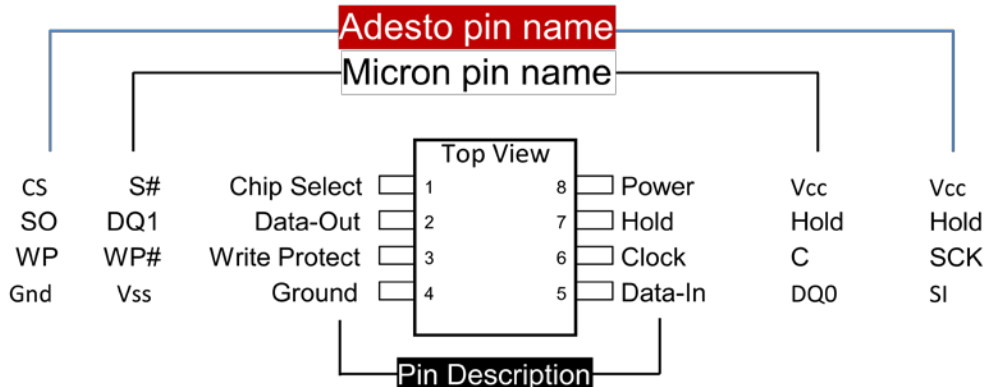
|                          | M25P40   |  | AT25DF041B |  | AT25XE041B |
|--------------------------|----------|--|------------|--|------------|
| Main Memory Size         | 4 Mb     |  | 4 Mb       |  | 4 Mb       |
| Page Program (byte)      | 1 to 256 |  | 1 to 256   |  | 1 to 256   |
| Erase Sector Size (byte) | 64k      |  | 64k        |  | 64k        |
| Bulk Erase               | ✓        |  | ✓          |  | ✓          |

|                          | M25P80   |  | AT25SF081 |  | AT25DF081B |
|--------------------------|----------|--|-----------|--|------------|
| Main Memory Size         | 8 Mb     |  | 8 Mb      |  | 8 Mb       |
| Page Program (byte)      | 1 to 256 |  | 1 to 256  |  | 1 to 256   |
| Erase Sector Size (byte) | 64k      |  | 64k       |  | 64k        |
| Bulk Erase               | ✓        |  | ✓         |  | ✓          |

|                          | M25P16   |  | AT25SF161 |  | AT25DF161A |
|--------------------------|----------|--|-----------|--|------------|
| Main Memory Size         | 16 Mb    |  | 16 Mb     |  | 16 Mb      |
| Page Program (byte)      | 1 to 256 |  | 1 to 256  |  | 1 to 256   |
| Erase Sector Size (byte) | 64k      |  | 64k       |  | 64k        |
| Bulk Erase               | ✓        |  | ✓         |  | ✓          |

|                          | M25P32   |  | AT25SF321 |
|--------------------------|----------|--|-----------|
| Main Memory Size         | 32 Mb    |  | 32 Mb     |
| Page Program (byte)      | 1 to 256 |  | 1 to 256  |
| Erase Sector Size (byte) | 64k      |  | 64k       |
| Bulk Erase               | ✓        |  | ✓         |

## Pin Assignment- Adesto pinout is an exact match



## Device Package

| Package Type                     | Micron Nomenclature | Adesto Nomenclature | Dimensional Comparison        |
|----------------------------------|---------------------|---------------------|-------------------------------|
| Dual Flat No Lead MLP 8 TERMINAL | VQFPN (Pkg Code MP) | 8MA1 (Pkg Code M)   | Fully Compatible Replacement  |
| SOIC 8 LEAD NARROW 150 mil       | SO8N (Pkg Code MN)  | 8S1 (Pkg Code SS)   | Fully Compatible Replacement* |
| SOIC 8 LEAD WIDE 208 mil         | SO8W (Pkg Code MW)  | 8S2 (Pkg Code S)    | Fully Compatible Replacement* |

## Op Code Comparison

*Adesto to Micron Op Code match*

| Function                       | Micron Op Code | Adesto Op Code |
|--------------------------------|----------------|----------------|
| Write Enable                   | 06h            | 06h            |
| Write Disable                  | 04h            | 04h            |
| Read ID                        | 9Fh            | 9Fh            |
| Read Status Register           | 05h            | 05h            |
| Read Data Bytes                | 03h            | 03h            |
| Read Data Bytes @ higher speed | 0Bh            | 0Bh            |
| Page Program                   | 02h            | 02h            |
| Sector Erase                   | D8h            | D8h            |
| Deep Power Down                | B9h            | B9h            |
| Release from Deep Power Down   | Abh            | Abh            |

## Function & Performance

| Function          | Micron Part# | Micron Value | Adesto Replacement Part# | Adesto Value              |
|-------------------|--------------|--------------|--------------------------|---------------------------|
| Operating Voltage | M25P05       | 2.3 to 3.6 V | AT25DF512C or AT25DN512C | 1.65 to 3.6 or 2.3 to 3.6 |
|                   | M25P10       | 2.3 to 3.6 V | AT25DF011 or AT25DN011   | 1.65 to 3.6 or 2.3 to 3.6 |
|                   | M25P20       | 2.3 to 3.6 V | AT25DF021A or AT25XE021A | 1.65 to 3.6               |
|                   | M25P40       | 2.3 to 3.6 V | AT25DF041B or AT25XE041B | 1.65 to 3.6               |
|                   | M25P80       | 2.7 to 3.6 V | AT25SF081                | 2.3 to 3.6 V              |
|                   | M25P16       | 2.7 to 3.6 V | AT25SF161                | 2.5 to 3.6 V              |
|                   | M25P32       | 2.7 to 3.6 V | AT25SF321                | 2.5 to 3.6 V              |
| Max Clock Freq    | M25P05       | 50 Mhz       | AT25DF512C or AT25DN512C | 104 Mhz                   |
|                   | M25P10       | 50 Mhz       | AT25DF011 or AT25DN011   | 104 Mhz                   |
|                   | M25P20       | 50 Mhz       | AT25DF021A or AT25XE021A | 104 Mhz                   |
|                   | M25P40       | 75 Mhz       | AT25DF041B or AT25XE041B | 85 Mhz                    |
|                   | M25P80       | 75 Mhz       | AT25SF081                | 104 Mhz                   |
|                   | M25P16       | 75 Mhz       | AT25SF161                | 104 Mhz                   |
|                   | M25P32       | 75 Mhz       | AT25SF321                | 104 Mhz                   |

## Function & Performance (cont'd)

| Function                                               | Micron Part#                           | Micron Value                                                                                                          | Adesto Replacement Part#                                 | Adesto Value                                                                                                          |
|--------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Read Status Register                                   | All                                    | Assert S#, load Op Code<br>Deassert S# = standby mode                                                                 | All                                                      | Assert CS/, load Op Cmd, Data Out, Deassert CS/ = standby mode                                                        |
| Enter Deep Power Down Mode                             | All                                    | Assert S#, load Op Code<br>Deassert S#                                                                                | All                                                      | Assert CS/, load Op Code Deassert CS/                                                                                 |
| Exit Deep Power Down Mode                              | All                                    | Assert S#, load Op Code<br>Deassert S#, Delay = $t_{RES}$                                                             | All                                                      | Assert CS/, load Op Code Deassert CS/, Delay = $t_{edpd}$                                                             |
| Protection Mode-Software                               | All                                    | Deep Power Down Command, Write Disable Command with W# asserted (hardware)<br>Block Protect Bits SRWD (Write Disable) | All                                                      | Deep Power Down Command, Write Disable Command with WP asserted (hardware)<br>Block Protect Bits SRWD (Write Disable) |
| Power Up Timing (time delay to write instruction)      | All                                    | $t_{PUW}$ max 10 $\mu$ s                                                                                              | All                                                      | $t_{PUW}$ max 5 $\mu$ s                                                                                               |
| Power Up Min Threshold ( $V_{WI}$ )                    | All                                    | 1.0 V min / 2.1 V max (spec $V_{WI}$ )                                                                                | All                                                      | 1.6 V min / 2.2 V max (spec $V_{WI}$ )                                                                                |
| Minimum Delay Vcc min to Read Operation ( $t_{VCSL}$ ) | M25P05, M25P10, M25P20, M25P40, M25P80 | 10 $\mu$ s                                                                                                            | AT25xx512C, AT25xx011, AT25xx021A, AT25xx041B, AT25SF081 | 70 $\mu$ s                                                                                                            |
|                                                        | M25P16, M25P32                         | 30 $\mu$ s                                                                                                            | AT25SF161, AT25SF321                                     | 20 $\mu$ s                                                                                                            |
| Read Mfgr ID                                           | All                                    | Assert S#, load Op Code<br>Deassert S# = standby mode                                                                 | All                                                      | Assert S#, load Op Code<br>Deassert S# = standby mode                                                                 |

## Function & Performance (cont'd)

| Function                           | Micron Part# | Micron Value | Adesto Replacement Part# | Adesto Value |
|------------------------------------|--------------|--------------|--------------------------|--------------|
| Mfg ID 3 byte Code                 | M25P05       | 20h 20h 10h  | AT25xx512C               | 1Fh 65h 01h  |
|                                    | M25P10       | 20h 20h 11h  | AT25xx011                | 1Fh 42h 00h  |
|                                    | M25P20       | 20h 20h 12h  | AT25xx021A               | 1Fh 43h 00h  |
|                                    | M25P40       | 20h 20h 13h  | AT25xx041B               | 1Fh 44h 00h  |
|                                    | M25P80       | 20h 20h 14h  | AT25SF081                | 1Fh 85h 01h  |
|                                    | M25P16       | 20h 20h 15h  | AT25SF161                | 1Fh 86h 01h  |
|                                    | M25P32       | 20h 20h 16h  | AT25SF321                | 1Fh 87h 01h  |
| Page Program Cyc Time ms (typ/max) | M25P05       | 1.4 / 5      | AT25DF512C or AT25DN512C | 1.5 / 3.5    |
|                                    | M25P10       | 1.4 / 5      | AT25DF011 or AT25DN011   | 1.5 / 3.5    |
|                                    | M25P20       | 0.8 / 5      | AT25DF021A or AT25XE021A | 1.25 / 2.5   |
|                                    | M25P40       | 0.8 / 5      | AT25DF041B OR AT25XE041B | 1.25 / 2.5   |
|                                    | M25P80       | 0.64 / 5     | AT25SF081                | 0.7 / 5      |
|                                    | M25P16       | 0.8 / 3      | AT25SF161                | 0.7 / 5      |
|                                    | M25P32       | .64 / 5      | AT25SF321                | 0.7 / 5      |
| Current-Standby (μA)               | M25P05       | 50           | AT25DF512C or AT25DN512C | 25           |
|                                    | M25P10       | 50           | AT25DF011 or AT25DN011   | 25           |
|                                    | M25P20       | 50           | AT25DF021A or AT25XE021A | 25           |
|                                    | M25P40       | 50           | AT25DF041B OR AT25XE041B | 25           |
|                                    | M25P80       | 50           | AT25SF081                | 13           |
|                                    | M25P16       | 50           | AT25SF161                | 13           |
|                                    | M25P32       | 50           | AT25SF321                | 13           |

## Function & Performance (cont'd)

| Function                                  | Micron Part# | Micron Value  | Adesto Replacement Part# | Adesto Value |
|-------------------------------------------|--------------|---------------|--------------------------|--------------|
| Current-Deep Power Down ( $\mu$ A)        | M25P05       | 5             | AT25DF512C or AT25DN512C | 5            |
|                                           | M25P10       | 5             | AT25DF011 or AT25DN011   | 5            |
|                                           | M25P20       | 5             | AT25DF021A or AT25XE021A | 5            |
|                                           | M25P40       | 10            | AT25DF041B OR AT25XE041B | 5            |
|                                           | M25P80       | 10            | AT25SF081                | 2            |
|                                           | M25P16       | 10            | AT25SF161                | 2            |
|                                           | M25P32       | 10            | AT25SF321                | 2            |
| Current- Ultra Deep Power Down ( $\mu$ A) | M25P05       | not available | AT25DF512C or AT25DN512C | 0.2          |
|                                           | M25P10       | not available | AT25DF011 or AT25DN011   | 0.2          |
|                                           | M25P20       | not available | AT25DF021A or AT25XE021A | 0.2          |
|                                           | M25P40       | not available | AT25DF041B OR AT25XE041B | 0.2          |
|                                           | M25P80       | not available | AT25SF081                |              |
|                                           | M25P16       | not available | AT25SF161                |              |
|                                           | M25P32       | not available | AT25SF321                |              |

Contact [miconconvert@adestotech.com](mailto:miconconvert@adestotech.com) for technical assistance as well as learning more about the Adesto Longevity Program.

Request a free Adesto FUSION Memory Sample Set at <http://www.adestotech.com/contact-support/sample-request/>

## Download Datasheets

| Adesto Brand | Density | Product#   | Webiste Link                                                                                                                                          |
|--------------|---------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| FUSION       | 512 kb  | AT25DN512C | <a href="http://www.adestotech.com/wp-content/uploads/DS-AT25DN512C_037.pdf">http://www.adestotech.com/wp-content/uploads/DS-AT25DN512C_037.pdf</a>   |
| FUSION       | 512 kb  | AT25DF512C | <a href="http://www.adestotech.com/wp-content/uploads/DS-AT25DF512C_030.pdf">http://www.adestotech.com/wp-content/uploads/DS-AT25DF512C_030.pdf</a>   |
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