



December 27, 2023

Subject: PCN#03-23 Notification of Intent to Discontinue Select Devices

Dear Lattice Customer,

Lattice is providing this notification of our intent to discontinue select devices. The customer demand for these device/package combinations has been declining over the years and it no longer makes economic sense to continue manufacturing these products.

AFFECTED PRODUCTS

The Ordering Part Numbers (OPNs) affected by this PCN are listed in Exhibit "A". This PCN also affects any custom devices (i.e., factory programmed, special test, tape and reel, etc.) which are derived from any of the devices listed in the table.

DISCONTINUANCE TIMING

Customers will have 6 months to place their last time buy (LTB) orders for these devices. All LTB orders for these devices will be non-cancellable and non-returnable. All LTB orders must be placed no later than June 27, 2024 (6 months after the date of this notice) with all deliveries taken no later than December 27, 2024 (12 months after the date of this notice). Orders received after June 27, 2024 will only be accepted based on available on-hand inventory.

DISCONTINUANCE TIMING - SUMMARY

- **Last Time Buy Order Date: June 27, 2024**
- **Last Shipment Date: December 27, 2024**

RESPONSE

In accordance with J-STD-048, this change is deemed accepted by the customer if no acknowledgement is received within 30 days from this Notice. Lattice PCNs are available on the [Lattice PCN web page](#). Please sign up to receive e-mail PCN alerts by registering [here](#). If you already have a Lattice web account and wish to receive PCN alerts, you can do so by logging into your account and making edits to your subscription options.

CONTACT

If you have any questions or require additional information, please contact pcn@latticesemi.com.

Sincerely,

Lattice Semiconductor PCN Administrator

Exhibit A

| Prod Line | Ordering Part Number | Package | Leadcount | Alternate Device | Package | Leadcount |
|-----------|----------------------|---------|-----------|------------------|---------|-----------|
| M4A3-32 | M4A3-32/32-10VNC | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A3-32/32-10VNI | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A3-32/32-12VNI | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A3-32/32-5VNC | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A3-32/32-7VNC | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A3-32/32-7VNI | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A3-32/32-10VNC48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A3-32/32-10VNI48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A3-32/32-12VNI48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A3-32/32-5VNC48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A3-32/32-7VNC48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A3-32/32-7VNI48 | TQFP | 48 | LC4032V | TQFP | 48 |
| M4A3-64 | M4A3-64/32-10VNC | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A3-64/32-10VNI | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A3-64/32-12VNI | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A3-64/32-55VNC | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A3-64/32-7VNC | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A3-64/32-7VNI | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A3-64/32-10VNC48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A3-64/32-10VNI48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A3-64/32-12VNI48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A3-64/32-55VNC48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A3-64/32-7VNC48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A3-64/32-7VNI48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A3-64/64-10VNC | TQFP | 100 | LC4064V | TQFP | 100 |
| | M4A3-64/64-10VNI | TQFP | 100 | LC4064V | TQFP | 100 |
| | M4A3-64/64-12VNI | TQFP | 100 | LC4064V | TQFP | 100 |
| | M4A3-64/64-55VNC | TQFP | 100 | LC4064V | TQFP | 100 |
| | M4A3-64/64-7VNC | TQFP | 100 | LC4064V | TQFP | 100 |
| | M4A3-64/64-7VNI | TQFP | 100 | LC4064V | TQFP | 100 |
| M4A3-96 | M4A3-96/48-10VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A3-96/48-12VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| M4A3-128 | M4A3-128/64-10VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A3-128/64-10VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A3-128/64-12VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A3-128/64-55VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A3-128/64-7VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A3-128/64-7VNI | TQFP | 100 | LC4128V | TQFP | 100 |

| Prod Line | Ordering Part Number | Package | Leadcount | Alternate Device | Package | Leadcount |
|------------------|-----------------------------|----------------|------------------|-------------------------|----------------|------------------|
| M4A3-192 | M4A3-192/96-10VNC | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A3-192/96-10VNI | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A3-192/96-12VNI | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A3-192/96-6VNC | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A3-192/96-7VNC | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A3-192/96-7VNI | TQFP | 144 | LC4256V | TQFP | 144 |
| M4A3-256 | M4A3-256/128-10YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/128-10YNI | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/128-12YNI | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/128-55YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/128-65YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/128-7YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/128-7YNI | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/128-7FANC | BGA | 256 | LC4256V | BGA | 256 |
| | M4A3-256/128-10FANC | BGA | 256 | LC4256V | BGA | 256 |
| | M4A3-256/160-10YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/160-10YNI | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/160-12YNI | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/160-7YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A3-256/192-10FANC | BGA | 256 | LC4256V | BGA | 256 |
| | M4A3-256/192-10FANI | BGA | 256 | LC4256V | BGA | 256 |
| | M4A3-256/192-12FANI | BGA | 256 | LC4256V | BGA | 256 |
| | M4A3-256/192-7FANC | BGA | 256 | LC4256V | BGA | 256 |
| M4A3-384 | M4A3-384/192-10FANC | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-384/192-10FANI | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-384/192-12FANC | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-384/192-12FANI | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-384/192-14FANI | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-384/192-65FANC | BGA | 256 | LC4512V | BGA | 256 |
| M4A3-512 | M4A3-512/192-10FANC | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-512/192-10FANI | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-512/192-12FANC | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-512/192-12FANI | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-512/192-14FANI | BGA | 256 | LC4512V | BGA | 256 |
| | M4A3-512/192-7FANC | BGA | 256 | LC4512V | BGA | 256 |

| Prod Line | Ordering Part Number | Package | Leadcount | Alternate Device | Package | Leadcount |
|------------------|-----------------------------|----------------|------------------|-------------------------|----------------|------------------|
| M4A5-32 | M4A5-32/32-10VNC | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A5-32/32-10VNI | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A5-32/32-12VNI | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A5-32/32-5VNC | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A5-32/32-7VNC | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A5-32/32-7VNI | TQFP | 44 | LC4032V | TQFP | 48 |
| | M4A5-32/32-10VNC48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A5-32/32-10VNI48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A5-32/32-12VNI48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A5-32/32-5VNC48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A5-32/32-7VNC48 | TQFP | 48 | LC4032V | TQFP | 48 |
| | M4A5-32/32-7VNI48 | TQFP | 48 | LC4032V | TQFP | 48 |
| M4A5-64 | M4A5-64/32-10VNC | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A5-64/32-10VNI | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A5-64/32-12VNI | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A5-64/32-55VNC | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A5-64/32-7VNC | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A5-64/32-7VNI | TQFP | 44 | LC4064V | TQFP | 48 |
| | M4A5-64/32-10VNC48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A5-64/32-10VNI48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A5-64/32-12VNI48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A5-64/32-55VNC48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A5-64/32-7VNC48 | TQFP | 48 | LC4064V | TQFP | 48 |
| | M4A5-64/32-7VNI48 | TQFP | 48 | LC4064V | TQFP | 48 |
| M4A5-96 | M4A5-96/48-10VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-96/48-10VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-96/48-12VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-96/48-55VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-96/48-7VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-96/48-7VNI | TQFP | 100 | LC4128V | TQFP | 100 |

| Prod Line | Ordering Part Number | Package | Leadcount | Alternate Device | Package | Leadcount |
|------------------|-----------------------------|----------------|------------------|-------------------------|----------------|------------------|
| M4A5-128 | M4A5-128/64-10VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-10VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-10YNC | PQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-10YNI | PQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-12VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-12YNI | PQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-55VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-55YNC | PQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-7VNC | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-7VNI | TQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-7YNC | PQFP | 100 | LC4128V | TQFP | 100 |
| | M4A5-128/64-7YNI | PQFP | 100 | LC4128V | TQFP | 100 |
| M4A5-192 | M4A5-192/96-10VNC | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A5-192/96-10VNI | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A5-192/96-12VNI | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A5-192/96-6VNC | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A5-192/96-7VNC | TQFP | 144 | LC4256V | TQFP | 144 |
| | M4A5-192/96-7VNI | TQFP | 144 | LC4256V | TQFP | 144 |
| M4A5-256 | M4A5-256/128-10YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A5-256/128-10YNI | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A5-256/128-12YNI | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A5-256/128-65YNC | PQFP | 208 | LC4256V | BGA | 256 |
| | M4A5-256/128-7YNC | PQFP | 208 | LC4256V | BGA | 256 |
| SII163 | SII163BCTG100 | TQFP | 100 | No Alternative | | |
| SII164 | SII164CTG64 | TQFP | 64 | No Alternative | | |
| | SII164CTG64TR | TQFP | 64 | No Alternative | | |
| SII3531 | SII3531ACNU | QFN | 48 | No Alternative | | |
| | SII3531ACNUTR | QFN | 48 | No Alternative | | |