



December 27, 2023

**Subject: PCN 03A-23 Notification of Intent to Discontinue Select Devices - ispMACH 4A, SATA, PanelLink**

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](mailto:pcn@latticesemi.com).

Sincerely,

Lattice Semiconductor PCN Administrator

**Exhibit A – Selected Device (ispMACH 4A, SATA, PanelLink)**

<b>Prod Line</b>	<b>Ordering Part Number</b>	<b>Package</b>	<b>Leadcount</b>	<b>Alternate Device</b>	<b>Package</b>	<b>Leadcount</b>
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	

<b>Prod Line</b>	<b>Ordering Part Number</b>	<b>Package</b>	<b>Leadcount</b>	<b>Alternate Device</b>	<b>Package</b>	<b>Leadcount</b>
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		