



# PRODUCT DISCONTINUANCE NOTIFICATION

## PDN1619

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### Description

Intel's Programmable Solutions Group ("Intel PSG," formerly Altera) is discontinuing the following legacy product families:

- ACEX 1K, APEX 20K, APEX 20KC, APEX 20KE, APEX II
- FLEX 10K, FLEX 10KA, FLEX 10KE, FLEX 6000, FLEX 8000
- MAX 7000, MAX 7000B, MAX 7000S, MAX 9000
- MERCURY, MPLD

The device family ordering codes are listed in Attachment 1.

### Reason for Change

The legacy product families are being discontinued due to low volumes and declining demand.

### Key Obsolescence Dates

Date for last order acceptance\*: June 01, 2017  
Date for last shipments: December 01, 2017

\*Orders will be non-cancelable, non-returnable.

### Products Affected

See Attachment 1 for a complete list of the affected OPNs (ordering part numbers). There are no replacement devices listed. Please refer to the contact information provided below for any questions or requests for assistance.

## Contact

For more information and assistance, please contact Sales or Customer Service in your region, or submit a Service Request at Intel PSG's [mySupport](#) website.

## Customer Notifications Subscription

Customers that have subscribed to Intel PSG's customer notification mailing list will receive updates automatically via email.

If you would like to receive customer notifications by email, please subscribe to our customer notification mailing list at

<https://www.altera.com/subscriptions/email/signup/eml-index.jsp>

## Revision History

| Date       | Rev   | Description     |
|------------|-------|-----------------|
| 12/01/2016 | 1.0.0 | Initial Release |

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**Attachment 1A**  
**Affected Ordering Part Numbers (OPNs)**

| <b>ACEX 1K</b>    |                  |                  |                  |
|-------------------|------------------|------------------|------------------|
| EP1K100EFI484-2   | EP1K10QC208-2    | EP1K30TC144-1N   | EP1K50TC144-3N   |
| EP1K100FC256-1    | EP1K10QC208-2N   | EP1K30TC144-2    | EP1K50TI144-2    |
| EP1K100FC256-1N   | EP1K10QC208-3    | EP1K30TC144-2N   | EP1K50TI144-2N   |
| EP1K100FC256-2    | EP1K10QC208-3N   | EP1K30TC144-3    | EP1K50XXB        |
| EP1K100FC256-2N   | EP1K10TC100-1    | EP1K30TC144-3N   | EP1K50XXC        |
| EP1K100FC256-3    | EP1K10TC100-1N   | EP1K30TI144-2    | MP1K100FC484-1   |
| EP1K100FC256-3N   | EP1K10TC100-2    | EP1K30TI144-2N   | MP1K100FC484-1AA |
| EP1K100FC484-1    | EP1K10TC100-2N   | EP1K30TI144-2NGA |                  |
| EP1K100FC484-1N   | EP1K10TC100-2NGZ | EP1K50FC256-1    |                  |
| EP1K100FC484-2    | EP1K10TC100-3    | EP1K50FC256-1N   |                  |
| EP1K100FC484-2N   | EP1K10TC100-3N   | EP1K50FC256-2    |                  |
| EP1K100FC484-2NGZ | EP1K10TC144-1    | EP1K50FC256-2N   |                  |
| EP1K100FC484-3    | EP1K10TC144-1N   | EP1K50FC256-3    |                  |
| EP1K100FC484-3N   | EP1K10TC144-2    | EP1K50FC256-3AA  |                  |
| EP1K100FI256-2    | EP1K10TC144-2N   | EP1K50FC256-3N   |                  |
| EP1K100FI256-2N   | EP1K10TC144-3    | EP1K50FC484-1    |                  |
| EP1K100FI484-2    | EP1K10TC144-3N   | EP1K50FC484-1N   |                  |
| EP1K100FI484-2N   | EP1K10TI100-2    | EP1K50FC484-2    |                  |
| EP1K100QC208-1    | EP1K10TI100-2N   | EP1K50FC484-2N   |                  |
| EP1K100QC208-1GZ  | EP1K30FC256-1    | EP1K50FC484-3    |                  |
| EP1K100QC208-1N   | EP1K30FC256-1N   | EP1K50FC484-3N   |                  |
| EP1K100QC208-2    | EP1K30FC256-2    | EP1K50FI256-2    |                  |
| EP1K100QC208-2N   | EP1K30FC256-2N   | EP1K50FI256-2AA  |                  |
| EP1K100QC208-2NGZ | EP1K30FC256-3    | EP1K50FI256-2N   |                  |
| EP1K100QC208-3    | EP1K30FC256-3AA  | EP1K50QC208-1    |                  |
| EP1K100QC208-3N   | EP1K30FC256-3N   | EP1K50QC208-1N   |                  |
| EP1K100QI208-2    | EP1K30FC256-3NAA | EP1K50QC208-2    |                  |
| EP1K100QI208-2N   | EP1K30FI256-2    | EP1K50QC208-2N   |                  |
| EP1K10FC256-1     | EP1K30FI256-2N   | EP1K50QC208-3    |                  |
| EP1K10FC256-1N    | EP1K30QC208-1    | EP1K50QC208-3AA  |                  |
| EP1K10FC256-2     | EP1K30QC208-1N   | EP1K50QC208-3N   |                  |
| EP1K10FC256-2N    | EP1K30QC208-2    | EP1K50QI208-2    |                  |
| EP1K10FC256-3     | EP1K30QC208-2N   | EP1K50QI208-2N   |                  |
| EP1K10FC256-3N    | EP1K30QC208-3    | EP1K50TC144-1    |                  |
| EP1K10FI256-2     | EP1K30QC208-3N   | EP1K50TC144-1N   |                  |
| EP1K10FI256-2N    | EP1K30QI208-2    | EP1K50TC144-2    |                  |
| EP1K10QC208-1     | EP1K30QI208-2N   | EP1K50TC144-2N   |                  |
| EP1K10QC208-1N    | EP1K30TC144-1    | EP1K50TC144-3    |                  |

**Attachment 1B**  
**Affected Ordering Part Numbers (OPNs)**

| <b>APEX 20K</b>   |                   |                    |
|-------------------|-------------------|--------------------|
| EP20K100BC356-1   | EP20K100QI240-2   | EP20K200FI484-2V   |
| EP20K100BC356-2   | EP20K100QI240-3   | EP20K200FI484-3    |
| EP20K100BC356-2N  | EP20K100TC144-1   | EP20K200FI672-3    |
| EP20K100BC356-3   | EP20K100TC144-1N  | EP20K200QC208-1    |
| EP20K100BC356-3V  | EP20K100TC144-1X  | EP20K200QC208-2    |
| EP20K100BI356-3   | EP20K100TC144-3   | EP20K200QC208-3    |
| EP20K100FC144-1   | EP20K100TC144-3N  | EP20K200QI208-3    |
| EP20K100FC144-1X  | EP20K100TI144-3   | EP20K200QI240-3    |
| EP20K100FC144-2   | EP20K200BC356-1   | EP20K400BC652-1    |
| EP20K100FC144-2X  | EP20K200BC356-1X  | EP20K400BC652-1XV  |
| EP20K100FC144-3   | EP20K200BC356-2   | EP20K400BC652-2    |
| EP20K100FC196-1   | EP20K200BC356-2XV | EP20K400BC652-2AA  |
| EP20K100FC196-1X  | EP20K200BC356-3   | EP20K400BC652-2X   |
| EP20K100FC196-2   | EP20K200BC356-3V  | EP20K400BC652-3    |
| EP20K100FC196-2X  | EP20K200BC484-1X  | EP20K400BI652-2V   |
| EP20K100FC196-3   | EP20K200BC484-2X  | EP20K400FC672-1    |
| EP20K100FC324-1   | EP20K200BI356-2   | EP20K400FC672-1X   |
| EP20K100FC324-1X  | EP20K200BI356-3   | EP20K400FC672-1XGZ |
| EP20K100FC324-2   | EP20K200FC484-1   | EP20K400FC672-2    |
| EP20K100FC324-2N  | EP20K200FC484-1N  | EP20K400FC672-3    |
| EP20K100FC324-2X  | EP20K200FC484-1X  | EP20K400FI672-2V   |
| EP20K100FC324-3   | EP20K200FC484-1XN | EP20K400GI655-3    |
| EP20K100FI196-3   | EP20K200FC484-2   | MP20K400BC652      |
| EP20K100FI324-2   | EP20K200FC484-2N  | MP20K400FC672      |
| EP20K100FI324-2XV | EP20K200FC484-2V  |                    |
| EP20K100FI324-3   | EP20K200FC484-2XN |                    |
| EP20K100QC208-1   | EP20K200FC484-2XV |                    |
| EP20K100QC208-2   | EP20K200FC484-3   |                    |
| EP20K100QC208-3   | EP20K200FC484-3AA |                    |
| EP20K100QC208-3N  | EP20K200FC484-3N  |                    |
| EP20K100QC240-1   | EP20K200FC484-4   |                    |
| EP20K100QC240-2   | EP20K200FC672-1   |                    |
| EP20K100QC240-3   | EP20K200FC672-2   |                    |
| EP20K100QC240-3N  | EP20K200FC672-3   |                    |
| EP20K100QI208-2   | EP20K200FI484-2N  |                    |

**Attachment 1C**  
**Affected Ordering Part Numbers (OPNs)**

| <b>APEX 20KC</b>   |                    |                   |                   |
|--------------------|--------------------|-------------------|-------------------|
| EP20K1000CB652C7   | EP20K100CF324C7    | EP20K200CB356C7ES | EP20K400CF672I8   |
| EP20K1000CB652C7ES | EP20K100CF324C7ES  | EP20K200CB356C8ES | EP20K600CB652C7   |
| EP20K1000CB652C8   | EP20K100CF324C8    | EP20K200CB652C7   | EP20K600CB652C8   |
| EP20K1000CB652C8ES | EP20K100CF324C8ES  | EP20K200CB652C7ES | EP20K600CB652C9   |
| EP20K1000CB652C9   | EP20K100CF324C9    | EP20K200CB652C8   | EP20K600CB672C8N  |
| EP20K1000CB652C9ES | EP20K100CQ208C7    | EP20K200CB652C9   | EP20K600CF672C7   |
| EP20K1000CF33C7    | EP20K100CQ208C7ES  | EP20K200CF484C7ES | EP20K600CF672C8   |
| EP20K1000CF33C7ES  | EP20K100CQ208C8    | EP20K200CF484C8ES | EP20K600CF672C8N  |
| EP20K1000CF33C8    | EP20K100CQ208C8ES  | EP20K200CF672C7   | EP20K600CF672C9   |
| EP20K1000CF33C8ES  | EP20K100CQ208C9    | EP20K200CF672C7ES | EP20K600CF672I8   |
| EP20K1000CF33C9    | EP20K100CQ240C7    | EP20K200CF672C8   | EP20K600CF672I8AA |
| EP20K1000CF33C9ES  | EP20K100CQ240C7ES  | EP20K200CF672C8ES | EP20K600CF672I8N  |
| EP20K1000CF672C7   | EP20K100CQ240C8    | EP20K200CF672C9   |                   |
| EP20K1000CF672C7ES | EP20K100CQ240C8ES  | EP20K200CQ208C7ES |                   |
| EP20K1000CF672C7GZ | EP20K100CQ240C9    | EP20K200CQ208C8ES |                   |
| EP20K1000CF672C7N  | EP20K100CT144C7    | EP20K200CQ240C7ES |                   |
| EP20K1000CF672C8   | EP20K100CT144C7ES  | EP20K200CQ240C8ES |                   |
| EP20K1000CF672C8ES | EP20K100CT144C8    | EP20K400CB652C7   |                   |
| EP20K1000CF672C9   | EP20K100CT144C8ES  | EP20K400CB652C8   |                   |
| EP20K1000CF672C9ES | EP20K100CT144C9    | EP20K400CB652C9   |                   |
| EP20K100CB356C7    | EP20K1500CB652C7   | EP20K400CB652C9ES |                   |
| EP20K100CB356C7ES  | EP20K1500CB652C7ES | EP20K400CB652I8   |                   |
| EP20K100CB356C8    | EP20K1500CB652C8   | EP20K400CB652I8ES |                   |
| EP20K100CB356C8ES  | EP20K1500CB652C8ES | EP20K400CF672C7   |                   |
| EP20K100CB356C9    | EP20K1500CB652C9   | EP20K400CF672C7GA |                   |
| EP20K100CF144C7    | EP20K1500CF33C7    | EP20K400CF672C8   |                   |
| EP20K100CF144C7ES  | EP20K1500CF33C7ES  | EP20K400CF672C8AA |                   |
| EP20K100CF144C8    | EP20K1500CF33C8    | EP20K400CF672C8N  |                   |
| EP20K100CF144C8ES  | EP20K1500CF33C8ES  | EP20K400CF672C9   |                   |
| EP20K100CF144C9    | EP20K1500CF33C9    | EP20K400CF672C9ES |                   |

**Attachment 1D**  
**Affected Ordering Part Numbers (OPNs)**

| <b>APEX 20KE</b>   |                    |                     |                    |
|--------------------|--------------------|---------------------|--------------------|
| EP20K1000EB652C1GZ | EP20K100EBC356-3N  | EP20K100EQC208-3    | EP20K1500EFC33-3   |
| EP20K1000EBC652-1  | EP20K100EF324I2XGZ | EP20K100EQC208-3N   | EP20K1500EGC984-1  |
| EP20K1000EBC652-1X | EP20K100EFC144-1   | EP20K100EQC240-1    | EP20K1500EGC984-2  |
| EP20K1000EBC652-2  | EP20K100EFC144-1X  | EP20K100EQC240-1N   | EP20K1500EGC984-3  |
| EP20K1000EBC652-2X | EP20K100EFC144-2   | EP20K100EQC240-1X   | EP20K1500EXXC      |
| EP20K1000EBC652-3  | EP20K100EFC144-2N  | EP20K100EQC240-2    | EP20K1500XXC       |
| EP20K1000EBI652-2X | EP20K100EFC144-2X  | EP20K100EQC240-2N   | EP20K160EBC356-1   |
| EP20K1000EFC33-1   | EP20K100EFC144-3   | EP20K100EQC240-2X   | EP20K160EBC356-1AA |
| EP20K1000EFC33-1X  | EP20K100EFC196-1   | EP20K100EQC240-3    | EP20K160EBC356-1N  |
| EP20K1000EFC33-2   | EP20K100EFC196-2   | EP20K100EQC240-3N   | EP20K160EBC356-1X  |
| EP20K1000EFC33-2X  | EP20K100EFC196-3   | EP20K100EQI208-3    | EP20K160EBC356-2   |
| EP20K1000EFC33-3   | EP20K100EFC324-1   | EP20K100EQI240-3    | EP20K160EBC356-2X  |
| EP20K1000EFC672-1  | EP20K100EFC324-1N  | EP20K100ETC144-1    | EP20K160EBC356-3   |
| EP20K1000EFC672-1X | EP20K100EFC324-1X  | EP20K100ETC144-1N   | EP20K160EFC144-1   |
| EP20K1000EFC672-2  | EP20K100EFC324-2   | EP20K100ETC144-1X   | EP20K160EFC144-2   |
| EP20K1000EFC672-2B | EP20K100EFC324-2N  | EP20K100ETC144-2    | EP20K160EFC144-3   |
| EP20K1000EFC672-2X | EP20K100EFC324-2X  | EP20K100ETC144-2N   | EP20K160EFC400-1   |
| EP20K1000EFC672-3  | EP20K100EFC324-3   | EP20K100ETC144-2X   | EP20K160EFC400-1X  |
| EP20K1000EFC784-1  | EP20K100EFC324-3GZ | EP20K100ETC144-3    | EP20K160EFC400-2   |
| EP20K1000EFC784-2  | EP20K100EFC324-3N  | EP20K100ETI144-3    | EP20K160EFC400-2X  |
| EP20K1000EFC784-3  | EP20K100EFI144-2N  | EP20K1500EBC652-1   | EP20K160EFC400-3   |
| EP20K1000EFI672-2X | EP20K100EFI144-2X  | EP20K1500EBC652-1X  | EP20K160EFC484-1   |
| EP20K1000EGC984-1  | EP20K100EFI144-3   | EP20K1500EBC652-2   | EP20K160EFC484-1N  |
| EP20K1000EGC984-2  | EP20K100EFI324-2N  | EP20K1500EBC652-2X  | EP20K160EFC484-1X  |
| EP20K1000EGC984-3  | EP20K100EFI324-2X  | EP20K1500EBC652-3   | EP20K160EFC484-1XB |
| EP20K1000EGI984-3  | EP20K100EFI324-3   | EP20K1500EFC1020-1X | EP20K160EFC484-2   |
| EP20K100EBC356-1   | EP20K100EQC208-1   | EP20K1500EFC1020-2X | EP20K160EFC484-2N  |
| EP20K100EBC356-1X  | EP20K100EQC208-1X  | EP20K1500EFC33-1    | EP20K160EFC484-2X  |
| EP20K100EBC356-2   | EP20K100EQC208-2   | EP20K1500EFC33-1X   | EP20K160EFC484-2XB |
| EP20K100EBC356-2X  | EP20K100EQC208-2X  | EP20K1500EFC33-2    | EP20K160EFC484-3   |
| EP20K100EBC356-3   | EP20K100EQC208-2XN | EP20K1500EFC33-2X   | EP20K160EFC484-3AA |

**Attachment 1D (con't)**  
**Affected Ordering Part Numbers (OPNs)**

| <b>APEX 20KE (con't)</b> |                    |                    |                    |
|--------------------------|--------------------|--------------------|--------------------|
| EP20K160EFC484-3N        | EP20K200EBC356-2N  | EP20K200EQC240-1N  | EP20K300EQC240-2X  |
| EP20K160EFI400-3         | EP20K200EBC356-2X  | EP20K200EQC240-1X  | EP20K300EQC240-2XN |
| EP20K160EFI484-2X        | EP20K200EBC356-3   | EP20K200EQC240-2   | EP20K300EQC240-3   |
| EP20K160EQC208-1         | EP20K200EF484C3NGZ | EP20K200EQC240-2N  | EP20K300EQC240-3N  |
| EP20K160EQC208-1X        | EP20K200EFC23-1XGA | EP20K200EQC240-2X  | EP20K300EQI208-3   |
| EP20K160EQC208-2         | EP20K200EFC484-1   | EP20K200EQC240-3   | EP20K300EQI240-2X  |
| EP20K160EQC208-2N        | EP20K200EFC484-1N  | EP20K200EQC240-3N  | EP20K300EQI240-3   |
| EP20K160EQC208-2X        | EP20K200EFC484-1X  | EP20K200EQI208-3   | EP20K300ERC208-1   |
| EP20K160EQC208-3         | EP20K200EFC484-2   | EP20K200EQI240-2   | EP20K300ERC208-1X  |
| EP20K160EQC208-3N        | EP20K200EFC484-2AA | EP20K200EQI240-2N  | EP20K300ERC208-2   |
| EP20K160EQC240-1         | EP20K200EFC484-2AB | EP20K200EQI240-3   | EP20K300ERC208-2X  |
| EP20K160EQC240-1N        | EP20K200EFC484-2N  | EP20K300EBC672-1X  | EP20K300ERC208-3   |
| EP20K160EQC240-1X        | EP20K200EFC484-2X  | EP20K300EBC672-2X  | EP20K300ERC240-1X  |
| EP20K160EQC240-2         | EP20K200EFC484-2XN | EP20K300EFC672-1   | EP20K300ERC240-2X  |
| EP20K160EQC240-2X        | EP20K200EFC484-3   | EP20K300EFC672-1N  | EP20K30EFC144-1    |
| EP20K160EQC240-3         | EP20K200EFC484-3N  | EP20K300EFC672-1X  | EP20K30EFC144-1N   |
| EP20K160EQC240-3N        | EP20K200EFC672-1   | EP20K300EFC672-2   | EP20K30EFC144-1X   |
| EP20K160EQI208-3         | EP20K200EFC672-1N  | EP20K300EFC672-2N  | EP20K30EFC144-2    |
| EP20K160EQI240-3         | EP20K200EFC672-1X  | EP20K300EFC672-2X  | EP20K30EFC144-2X   |
| EP20K160ETC144-1         | EP20K200EFC672-2   | EP20K300EFC672-2XA | EP20K30EFC144-3    |
| EP20K160ETC144-1X        | EP20K200EFC672-2X  | EP20K300EFC672-3   | EP20K30EFC256-1    |
| EP20K160ETC144-2         | EP20K200EFC672-3   | EP20K300EFC672-3N  | EP20K30EFC256-2    |
| EP20K160ETC144-2N        | EP20K200EFI484-2X  | EP20K300EFI672-2N  | EP20K30EFC256-3    |
| EP20K160ETC144-2X        | EP20K200EFI484-3   | EP20K300EFI672-2X  | EP20K30EFI144-2X   |
| EP20K160ETC144-3         | EP20K200EQC208-1   | EP20K300EFI672-3   | EP20K30EFI144-2XN  |
| EP20K160ETC144-3N        | EP20K200EQC208-1X  | EP20K300EQC208-1   | EP20K30EQC240-1    |
| EP20K160ETI144-3         | EP20K200EQC208-2   | EP20K300EQC208-2   | EP20K30EQC240-2    |
| EP20K200EBC356-1         | EP20K200EQC208-2X  | EP20K300EQC208-3   | EP20K30EQC240-3    |
| EP20K200EBC356-1N        | EP20K200EQC208-3   | EP20K300EQC240-1   | EP20K30ETC144-1    |
| EP20K200EBC356-1X        | EP20K200EQC208-3N  | EP20K300EQC240-1X  | EP20K30ETC144-1X   |
| EP20K200EBC356-2         | EP20K200EQC240-1   | EP20K300EQC240-2   | EP20K30ETC144-2    |

**Attachment 1D (con't)**  
**Affected Ordering Part Numbers (OPNs)**

| <b>APEX 20KE (con't)</b> |                    |                    |                   |
|--------------------------|--------------------|--------------------|-------------------|
| EP20K30ETC144-2N         | EP20K400EFI672-2N  | EP20K600EFC672-1XN | EP20K60EQC208-1N  |
| EP20K30ETC144-2X         | EP20K400EFI672-2X  | EP20K600EFC672-2   | EP20K60EQC208-1X  |
| EP20K30ETC144-3          | EP20K400EFI672-3   | EP20K600EFC672-2N  | EP20K60EQC208-2   |
| EP20K30ETC144-3N         | EP20K400EFI672-XES | EP20K600EFC672-2X  | EP20K60EQC208-2N  |
| EP20K30EXXC              | EP20K400ERC208-1   | EP20K600EFC672-3   | EP20K60EQC208-2X  |
| EP20K400EB652C2XGZ       | EP20K400ERC208-2   | EP20K600EFC672-3N  | EP20K60EQC208-2XN |
| EP20K400EBC652-1         | EP20K400ERC208-3   | EP20K600EFC784-1   | EP20K60EQC208-3   |
| EP20K400EBC652-1N        | EP20K400ERC240-1   | EP20K600EFC784-2   | EP20K60EQC208-3N  |
| EP20K400EBC652-1X        | EP20K400ERC240-2   | EP20K600EFC784-3   | EP20K60EQC240-1   |
| EP20K400EBC652-1XD       | EP20K400ERC240-3   | EP20K600EFI672-2X  | EP20K60EQC240-1X  |
| EP20K400EBC652-2         | EP20K400ERI208-3   | EP20K600EFI672-3   | EP20K60EQC240-2   |
| EP20K400EBC652-2N        | EP20K400ERI240-3   | EP20K60EBC356-1    | EP20K60EQC240-2X  |
| EP20K400EBC652-2X        | EP20K600EBC652-1   | EP20K60EBC356-1X   | EP20K60EQC240-3   |
| EP20K400EBC652-3         | EP20K600EBC652-1GZ | EP20K60EBC356-2    | EP20K60EQI208-2   |
| EP20K400EBC652-3AA       | EP20K600EBC652-1X  | EP20K60EBC356-2X   | EP20K60ETC144-1   |
| EP20K400EBC652-3N        | EP20K600EBC652-2   | EP20K60EBC356-3    | EP20K60ETC144-1X  |
| EP20K400EBI652-2X        | EP20K600EBC652-2X  | EP20K60EFC144-1    | EP20K60ETC144-2   |
| EP20K400EF27C1XNGA       | EP20K600EBC652-3   | EP20K60EFC144-1X   | EP20K60ETC144-2N  |
| EP20K400EF27C1XNGZ       | EP20K600EBI652-2X  | EP20K60EFC144-2    | EP20K60ETC144-2X  |
| EP20K400EF672C1XD0       | EP20K600EF672C1NGZ | EP20K60EFC144-2X   | EP20K60ETC144-3   |
| EP20K400EFC672-1         | EP20K600EF672C1XGZ | EP20K60EFC144-2XN  | EP20K60ETC144-3N  |
| EP20K400EFC672-1N        | EP20K600EFC1020-1X | EP20K60EFC144-3    | EP20K60EQI208-2X  |
| EP20K400EFC672-1X        | EP20K600EFC1020-2X | EP20K60EFC324-1    |                   |
| EP20K400EFC672-1XN       | EP20K600EFC33-1    | EP20K60EFC324-1N   |                   |
| EP20K400EFC672-2         | EP20K600EFC33-1X   | EP20K60EFC324-1X   |                   |
| EP20K400EFC672-2N        | EP20K600EFC33-2    | EP20K60EFC324-2    |                   |
| EP20K400EFC672-2X        | EP20K600EFC33-2X   | EP20K60EFC324-2N   |                   |
| EP20K400EFC672-2XB       | EP20K600EFC33-3    | EP20K60EFC324-2X   |                   |
| EP20K400EFC672-3         | EP20K600EFC672-1   | EP20K60EFC324-3    |                   |
| EP20K400EFC672-3N        | EP20K600EFC672-1N  | EP20K60EFC324-3N   |                   |
| EP20K400EFI672-1X        | EP20K600EFC672-1X  | EP20K60EQC208-1    |                   |



**Attachment 1E**  
**Affected Ordering Part Numbers (OPNs)**

| <b>APEX II</b>  |                 |
|-----------------|-----------------|
| EP2A15B652C7    | EP2A40B652C8    |
| EP2A15B652C8    | EP2A40B652C9    |
| EP2A15B652C9    | EP2A40B724C8ES  |
| EP2A15B724C7DM  | EP2A40F1020C7   |
| EP2A15F672C7    | EP2A40F1020C8   |
| EP2A15F672C7AA  | EP2A40F1020C8ES |
| EP2A15F672C7N   | EP2A40F1020C9   |
| EP2A15F672C8    | EP2A40F1020I8   |
| EP2A15F672C9    | EP2A40F672C7    |
| EP2A15F672C9N   | EP2A40F672C8    |
| EP2A15F672I8    | EP2A40F672C9    |
| EP2A25B652C7    | EP2A70B652C7    |
| EP2A25B652C8    | EP2A70B652C8    |
| EP2A25B652C9    | EP2A70B652C9    |
| EP2A25B724-C7   | EP2A70F1020C7   |
| EP2A25F1020C8ES | EP2A70F1020C8   |
| EP2A25F672C7    | EP2A70F1020C9   |
| EP2A25F672C8    | EP2A70F1508C8ES |
| EP2A25F672C9    | EP2A70F1736C7   |
| EP2A25F672I8    | EP2A70F1736C8   |
| EP2A40B652C7    | EP2A70F1736C9   |

**Attachment 1F**  
**Affected Ordering Part Numbers (OPNs)**

| <b>FLEX 10K</b>  |                  |                   |
|------------------|------------------|-------------------|
| EPF10K10LC84-3   | EPF10K20RI240-4  | EPF10K40RC240-4   |
| EPF10K10LC84-4   | EPF10K20RI240-4N | EPF10K40RC240-4N  |
| EPF10K10LC84-4N  | EPF10K20TC144-3  | EPF10K50BC356-3   |
| EPF10K10QC208-3  | EPF10K20TC144-3N | EPF10K50BC356-4   |
| EPF10K10QC208-3N | EPF10K20TC144-4  | EPF10K50RC240-3   |
| EPF10K10QC208-4  | EPF10K20TC144-4N | EPF10K50RC240-3N  |
| EPF10K10QC208-4N | EPF10K20TI144-4  | EPF10K50RC240-4   |
| EPF10K10QI208-4  | EPF10K20TI144-4N | EPF10K50RC240-4N  |
| EPF10K10QI208-4N | EPF10K30BC356-3  | EPF10K50RI240-4   |
| EPF10K10TC144-3  | EPF10K30BC356-4  | EPF10K50RI240-4N  |
| EPF10K10TC144-3N | EPF10K30RC208-3  | EPF10K70RC240-2   |
| EPF10K10TC144-4  | EPF10K30RC208-3N | EPF10K70RC240-2N  |
| EPF10K10TC144-4N | EPF10K30RC208-4  | EPF10K70RC240-3   |
| EPF10K10TI144-4  | EPF10K30RC208-4N | EPF10K70RC240-3GZ |
| EPF10K10TI144-4N | EPF10K30RC240-3  | EPF10K70RC240-3N  |
| EPF10K20RC208-3  | EPF10K30RC240-3N | EPF10K70RC240-4   |
| EPF10K20RC208-3N | EPF10K30RC240-4  | EPF10K70RC240-4N  |
| EPF10K20RC208-4  | EPF10K30RC240-4N |                   |
| EPF10K20RC208-4N | EPF10K30RI208-4  |                   |
| EPF10K20RC240-3  | EPF10K30RI208-4N |                   |
| EPF10K20RC240-3N | EPF10K30RI240-4  |                   |
| EPF10K20RC240-4  | EPF10K30RI240-4N |                   |
| EPF10K20RC240-4N | EPF10K40RC208-3  |                   |
| EPF10K20RI208-4  | EPF10K40RC208-4  |                   |
| EPF10K20RI208-4N | EPF10K40RC240-3  |                   |

**Attachment 1G**  
**Affected Ordering Part Numbers (OPNs)**

| <b>FLEX 10KA</b>   |                    |                   |                    |
|--------------------|--------------------|-------------------|--------------------|
| EPF10K100ABC356-1  | EPF10K10ATC100-1   | EPF10K30AQC240-1  | EPF10K50VBI356-4N  |
| EPF10K100ABC356-1N | EPF10K10ATC100-2   | EPF10K30AQC240-1N | EPF10K50VFC484-1   |
| EPF10K100ABC356-2  | EPF10K10ATC100-3   | EPF10K30AQC240-2  | EPF10K50VFC484-2   |
| EPF10K100ABC356-2N | EPF10K10ATC100-3N  | EPF10K30AQC240-2N | EPF10K50VFC484-3   |
| EPF10K100ABC356-3  | EPF10K10ATC144-1   | EPF10K30AQC240-3  | EPF10K50VFC484-3N  |
| EPF10K100ABC356-3N | EPF10K10ATC144-1N  | EPF10K30AQC240-3N | EPF10K50VQC240-1   |
| EPF10K100ABC600-1  | EPF10K10ATC144-2   | EPF10K30AQI208-3  | EPF10K50VQC240-1N  |
| EPF10K100ABC600-2  | EPF10K10ATC144-2N  | EPF10K30AQI208-3N | EPF10K50VQC240-2   |
| EPF10K100ABC600-3  | EPF10K10ATC144-3   | EPF10K30AQI240-3  | EPF10K50VQC240-2N  |
| EPF10K100ABI356-2  | EPF10K10ATC144-3N  | EPF10K30AQI240-3N | EPF10K50VQC240-3   |
| EPF10K100ABI356-2N | EPF10K10ATI144-3   | EPF10K30ATC144-1  | EPF10K50VQC240-3AA |
| EPF10K100ABI356-3  | EPF10K10ATI144-3N  | EPF10K30ATC144-1N | EPF10K50VQC240-3EM |
| EPF10K100ABI356-3N | EPF10K30A3NTI144-3 | EPF10K30ATC144-2  | EPF10K50VQC240-3N  |
| EPF10K100ABI600-2  | EPF10K30ABC356-1   | EPF10K30ATC144-2N | EPF10K50VQC240-4   |
| EPF10K100AFC484-1  | EPF10K30ABC356-2   | EPF10K30ATC144-3  | EPF10K50VQI240-2   |
| EPF10K100AFC484-2  | EPF10K30ABC356-3   | EPF10K30ATC144-3N | EPF10K50VQI240-2N  |
| EPF10K100AFC484-2N | EPF10K30ABC356-4   | EPF10K30ATI144-2N | EPF10K50VRC240-1   |
| EPF10K100AFC484-3  | EPF10K30AFC256-1   | EPF10K30ATI144-3  | EPF10K50VRC240-1N  |
| EPF10K100ARC240-1  | EPF10K30AFC256-2   | EPF10K30ATI144-3N | EPF10K50VRC240-2   |
| EPF10K100ARC240-1N | EPF10K30AFC256-2N  | EPF10K50VBC356-1  | EPF10K50VRC240-2N  |
| EPF10K100ARC240-2  | EPF10K30AFC256-3   | EPF10K50VBC356-1N | EPF10K50VRC240-3   |
| EPF10K100ARC240-2N | EPF10K30AFC484-1   | EPF10K50VBC356-2  | EPF10K50VRC240-3N  |
| EPF10K100ARC240-3  | EPF10K30AFC484-2   | EPF10K50VBC356-2N | EPF10K50VRC240-4   |
| EPF10K100ARC240-3N | EPF10K30AFC484-3   | EPF10K50VBC356-3  | EPF10K50VRC240-4N  |
| EPF10K100ARI240-3  | EPF10K30AQC208-1   | EPF10K50VBC356-3N | EPF10K50VRI240-3   |
| EPF10K100ARI240-3N | EPF10K30AQC208-1N  | EPF10K50VBC356-4  | EPF10K50VRI240-3N  |
| EPF10K10AQC208-1   | EPF10K30AQC208-2   | EPF10K50VBC356-4N | EPF10K50VRI240-4   |
| EPF10K10AQC208-2   | EPF10K30AQC208-2N  | EPF10K50VBI356-3  | EPF10K50VRI240-4N  |
| EPF10K10AQC208-3   | EPF10K30AQC208-3   | EPF10K50VBI356-3N |                    |
| EPF10K10AQC208-3N  | EPF10K30AQC208-3N  | EPF10K50VBI356-4  |                    |

**Attachment 1H  
Affected Ordering Part Numbers (OPNs)**

| <b>FLEX 10KE</b>    |                    |                    |                    |
|---------------------|--------------------|--------------------|--------------------|
| EPF10K50SBC356-1XDM | EPF10K100EQC208-3  | EPF10K130EFC672-2X | EPF10K200SBC600-3B |
| EPF10K100EBC356-1   | EPF10K100EQC208-3N | EPF10K130EFC672-3  | EPF10K200SBC672-1X |
| EPF10K100EBC356-1B  | EPF10K100EQC240-1  | EPF10K130EFI484-2  | EPF10K200SBC672-2X |
| EPF10K100EBC356-1N  | EPF10K100EQC240-1N | EPF10K130EFI484-2K | EPF10K200SBI356-2  |
| EPF10K100EBC356-1X  | EPF10K100EQC240-1X | EPF10K130EFI672-3  | EPF10K200SFC484-1  |
| EPF10K100EBC356-2   | EPF10K100EQC240-2  | EPF10K130EQC240-1  | EPF10K200SFC484-1N |
| EPF10K100EBC356-2N  | EPF10K100EQC240-2N | EPF10K130EQC240-1N | EPF10K200SFC484-1X |
| EPF10K100EBC356-2X  | EPF10K100EQC240-2X | EPF10K130EQC240-1X | EPF10K200SFC484-2  |
| EPF10K100EBC356-3   | EPF10K100EQC240-3  | EPF10K130EQC240-2  | EPF10K200SFC484-2N |
| EPF10K100EBI356-3   | EPF10K100EQC240-3N | EPF10K130EQC240-2N | EPF10K200SFC484-2X |
| EPF10K100EFC256-1   | EPF10K100EQI208-2  | EPF10K130EQC240-2X | EPF10K200SFC484-3  |
| EPF10K100EFC256-1X  | EPF10K100EQI240-3  | EPF10K130EQC240-3  | EPF10K200SFC484-3N |
| EPF10K100EFC256-2   | EPF10K130EBC356-1  | EPF10K130EQC240-3N | EPF10K200SFC672-1  |
| EPF10K100EFC256-2AA | EPF10K130EBC356-1X | EPF10K130EQI240-2  | EPF10K200SFC672-1X |
| EPF10K100EFC256-2X  | EPF10K130EBC356-2  | EPF10K130EQI240-2N | EPF10K200SFC672-2  |
| EPF10K100EFC256-3   | EPF10K130EBC356-2X | EPF10K200EBC600-1  | EPF10K200SFC672-2X |
| EPF10K100EFC256-3N  | EPF10K130EBC356-3  | EPF10K200EBC600-2  | EPF10K200SFC672-3  |
| EPF10K100EFC484-1   | EPF10K130EBC600-1  | EPF10K200EBC600-3  | EPF10K200SFI672-2  |
| EPF10K100EFC484-1N  | EPF10K130EBC600-1E | EPF10K200EBI600-2  | EPF10K200SFI672-2B |
| EPF10K100EFC484-1X  | EPF10K130EBC600-1X | EPF10K200EF672-1   | EPF10K200SFI672-2X |
| EPF10K100EFC484-2   | EPF10K130EBC600-2  | EPF10K200EFC672-1  | EPF10K200SRC240-1  |
| EPF10K100EFC484-2N  | EPF10K130EBC600-2X | EPF10K200EFC672-2  | EPF10K200SRC240-1N |
| EPF10K100EFC484-2X  | EPF10K130EBC600-3  | EPF10K200EFC672-3  | EPF10K200SRC240-1X |
| EPF10K100EFC484-3   | EPF10K130EBI356-2  | EPF10K200EFI672-3  | EPF10K200SRC240-2  |
| EPF10K100EFC484-3N  | EPF10K130EFC484-1  | EPF10K200EGI599-3  | EPF10K200SRC240-2X |
| EPF10K100EFI256-2   | EPF10K130EFC484-1N | EPF10K200SBC356-1  | EPF10K200SRC240-3  |
| EPF10K100EFI484-2   | EPF10K130EFC484-1X | EPF10K200SBC356-1X | EPF10K200SRC240-3B |
| EPF10K100EFI484-2N  | EPF10K130EFC484-2  | EPF10K200SBC356-2  | EPF10K200SRC240-3N |
| EPF10K100EFI484-3N  | EPF10K130EFC484-2N | EPF10K200SBC356-2X | EPF10K250EBC600-1  |
| EPF10K100EQC208-1   | EPF10K130EFC484-2X | EPF10K200SBC356-3  | EPF10K250EBC600-2  |
| EPF10K100EQC208-1N  | EPF10K130EFC484-3  | EPF10K200SBC600-1  | EPF10K250EBC600-3  |
| EPF10K100EQC208-1X  | EPF10K130EFC484-3N | EPF10K200SBC600-1X | EPF10K250EBI600-3  |
| EPF10K100EQC208-2   | EPF10K130EFC672-1  | EPF10K200SBC600-2  | EPF10K250EFC672-1  |
| EPF10K100EQC208-2N  | EPF10K130EFC672-1X | EPF10K200SBC600-2X | EPF10K250EFC672-2  |
| EPF10K100EQC208-2X  | EPF10K130EFC672-2  | EPF10K200SBC600-3  | EPF10K250EFC672-3  |

**Attachment 1H (con't)**  
**Affected Ordering Part Numbers (OPNs)**

| <b>FLEX 10KE (con't)</b> |                    |                    |                    |
|--------------------------|--------------------|--------------------|--------------------|
| EPF10K250EFI672-3        | EPF10K30ETC144-2N  | EPF10K50ETC144-2N  | EPF10K50SQC240-2N  |
| EPF10K250EGC599-1        | EPF10K30ETC144-2X  | EPF10K50ETC144-3   | EPF10K50SQC240-2X  |
| EPF10K250EGC599-2        | EPF10K30ETC144-3   | EPF10K50ETC144-3N  | EPF10K50SQC240-3   |
| EPF10K250EGC599-3        | EPF10K30ETI144-2   | EPF10K50ETI144-2   | EPF10K50SQC240-3N  |
| EPF10K250EGI599-3        | EPF10K30ETI144-3   | EPF10K50ETI144-2N  | EPF10K50STC144-1   |
| EPF10K30EFC256-1         | EPF10K50EBC356-1X  | EPF10K50ETI144-3   | EPF10K50STC144-1X  |
| EPF10K30EFC256-1X        | EPF10K50EFC256-1   | EPF10K50SBC356-1   | EPF10K50STC144-2   |
| EPF10K30EFC256-2         | EPF10K50EFC256-2   | EPF10K50SBC356-1X  | EPF10K50STC144-2X  |
| EPF10K30EFC256-2N        | EPF10K50EFC256-2N  | EPF10K50SBC356-2   | EPF10K50STC144-3   |
| EPF10K30EFC256-2X        | EPF10K50EFC256-3   | EPF10K50SBC356-2X  | EPFQC240AA         |
| EPF10K30EFC256-3         | EPF10K50EFC256-3N  | EPF10K50SBC356-3   | EPFQC240AB         |
| EPF10K30EFC256-3N        | EPF10K50EFC484-1   | EPF10K50SFC256-1   | MPF10K130EFC484XBB |
| EPF10K30EFC484-1         | EPF10K50EFC484-2   | EPF10K50SFC256-1N  |                    |
| EPF10K30EFC484-1X        | EPF10K50EFC484-3   | EPF10K50SFC256-1X  |                    |
| EPF10K30EFC484-2         | EPF10K50EFC484-3N  | EPF10K50SFC256-2   |                    |
| EPF10K30EFC484-2X        | EPF10K50EFI256-2   | EPF10K50SFC256-2X  |                    |
| EPF10K30EFC484-3         | EPF10K50EFI484-3   | EPF10K50SFC256-3   |                    |
| EPF10K30EFI256-2         | EPF10K50EQC208-1   | EPF10K50SFC484-1   |                    |
| EPF10K30EFI256-3         | EPF10K50EQC208-1N  | EPF10K50SFC484-1N  |                    |
| EPF10K30EFI484-3         | EPF10K50EQC208-2   | EPF10K50SFC484-1X  |                    |
| EPF10K30EQC208-1         | EPF10K50EQC208-2N  | EPF10K50SFC484-2   |                    |
| EPF10K30EQC208-1N        | EPF10K50EQC208-3   | EPF10K50SFC484-2X  |                    |
| EPF10K30EQC208-1X        | EPF10K50EQC208-3N  | EPF10K50SFC484-2XB |                    |
| EPF10K30EQC208-2         | EPF10K50EQC240-1   | EPF10K50SFC484-3   |                    |
| EPF10K30EQC208-2N        | EPF10K50EQC240-1N  | EPF10K50SQC208-1   |                    |
| EPF10K30EQC208-2X        | EPF10K50EQC240-2   | EPF10K50SQC208-1N  |                    |
| EPF10K30EQC208-3         | EPF10K50EQC240-2AA | EPF10K50SQC208-1X  |                    |
| EPF10K30EQC208-3N        | EPF10K50EQC240-2N  | EPF10K50SQC208-2   |                    |
| EPF10K30EQI208-2         | EPF10K50EQC240-3   | EPF10K50SQC208-2X  |                    |
| EPF10K30EQI208-2N        | EPF10K50EQC240-3N  | EPF10K50SQC208-3   |                    |
| EPF10K30EQI208-3         | EPF10K50EQI208-3   | EPF10K50SQC208-3N  |                    |
| EPF10K30ETC144-1         | EPF10K50EQI240-2   | EPF10K50SQC240-1   |                    |
| EPF10K30ETC144-1N        | EPF10K50EQI240-2N  | EPF10K50SQC240-1N  |                    |
| EPF10K30ETC144-1X        | EPF10K50ETC144-1   | EPF10K50SQC240-1X  |                    |
| EPF10K30ETC144-2         | EPF10K50ETC144-2   | EPF10K50SQC240-2   |                    |

**Attachment 1I**  
**Affected Ordering Part Numbers (OPNs)**

| <b>FLEX 6000</b> |                  |                 |                  |
|------------------|------------------|-----------------|------------------|
| EPF6010AFC100-1  | EPF6016AFC256-1  | EPF6016BC256-2  | EPF6024ABC256-2N |
| EPF6010AFC100-2  | EPF6016AFC256-2  | EPF6016BC256-3  | EPF6024ABC256-3  |
| EPF6010AFC100-3  | EPF6016AFC256-3  | EPF6016BC256-3N | EPF6024AFC256-1  |
| EPF6010AFC256-1  | EPF6016AQC208-1  | EPF6016BI256-3  | EPF6024AFC256-2  |
| EPF6010AFC256-2  | EPF6016AQC208-1N | EPF6016QC208-2  | EPF6024AFC256-3  |
| EPF6010AFC256-3  | EPF6016AQC208-2  | EPF6016QC208-2N | EPF6024AQC208-1  |
| EPF6010ANTC100-1 | EPF6016AQC208-2N | EPF6016QC208-3  | EPF6024AQC208-1N |
| EPF6010ANTC100-2 | EPF6016AQC208-3  | EPF6016QC208-3N | EPF6024AQC208-2  |
| EPF6010ANTC100-3 | EPF6016AQC208-3N | EPF6016QC240-2  | EPF6024AQC208-2N |
| EPF6010ATC100-1  | EPF6016ATC100-1  | EPF6016QC240-2N | EPF6024AQC208-3  |
| EPF6010ATC100-1N | EPF6016ATC100-2  | EPF6016QC240-3  | EPF6024AQC208-3N |
| EPF6010ATC100-2  | EPF6016ATC100-2N | EPF6016QC240-3N | EPF6024AQC240-1  |
| EPF6010ATC100-2N | EPF6016ATC100-3  | EPF6016QI208-3  | EPF6024AQC240-1N |
| EPF6010ATC100-3  | EPF6016ATC100-3N | EPF6016QI208-3N | EPF6024AQC240-2  |
| EPF6010ATC100-3N | EPF6016ATC144-1  | EPF6016QI240-3  | EPF6024AQC240-2N |
| EPF6010ATC144-1  | EPF6016ATC144-1N | EPF6016TC144-2  | EPF6024AQC240-3  |
| EPF6010ATC144-2  | EPF6016ATC144-2  | EPF6016TC144-2N | EPF6024AQC240-3N |
| EPF6010ATC144-3  | EPF6016ATC144-2N | EPF6016TC144-3  | EPF6024ATC144-1  |
| EPF6010ATC144-3N | EPF6016ATC144-3  | EPF6016TC144-3N | EPF6024ATC144-1N |
| EPF6010ATI100-2  | EPF6016ATC144-3N | EPF6016TI144-2  | EPF6024ATC144-2  |
| EPF6010ATI100-2N | EPF6016ATI100-2  | EPF6016TI144-2N | EPF6024ATC144-2N |
| EPF6016AFC100-1  | EPF6016ATI100-2N | EPF6016TI144-3  | EPF6024ATC144-3  |
| EPF6016AFC100-2  | EPF6016ATI100-3  | EPF6016TI144-3N | EPF6024ATC144-3N |
| EPF6016AFC100-3  | EPF6016ATI144-3  | EPF6024ABC256-1 | EPF6024ATI144-3  |
| EPF6016AFC100-3N | EPF6016ATI144-3N | EPF6024ABC256-2 |                  |

**Attachment 1J**  
**Affected Ordering Part Numbers (OPNs)**

| <b>FLEX 8000</b>   |                    |                   |
|--------------------|--------------------|-------------------|
| EPF81188AQC208-2   | EPF8282ATI100-3NGZ | EPF8636AQC208-2   |
| EPF81188AQC208-3   | EPF8452ALC84-2     | EPF8636AQC208-3   |
| EPF81188AQC208-4   | EPF8452ALC84-3     | EPF8636AQC208-4   |
| EPF81188AQC240-2   | EPF8452ALC84-4     | EPF8820ABC225-2   |
| EPF81188AQC240-3   | EPF8452ALC84-4N    | EPF8820ABC225-4   |
| EPF81188AQC240-4   | EPF8452ALI84-4     | EPF8820AQC160-2   |
| EPF81188AQI208-4   | EPF8452AQC160-2    | EPF8820AQC160-3   |
| EPF81188ARC240-4AA | EPF8452AQC160-3    | EPF8820AQC160-4   |
| EPF81500AQC240-2   | EPF8452AQC160-3AC  | EPF8820AQC208-2   |
| EPF81500AQC240-2N  | EPF8452AQC160-4    | EPF8820AQC208-3   |
| EPF81500AQC240-3   | EPF8452ATC100-2    | EPF8820AQC208-4   |
| EPF81500AQC240-3N  | EPF8452ATC100-3    | EPF8820AQC208-4AA |
| EPF81500AQC240-4   | EPF8452ATC100-3N   | EPF8820ARC160-2   |
| EPF8282ALC84-2     | EPF8452ATC100-4    | EPF8820ATC144-2   |
| EPF8282ALC84-3     | EPF8452ATC100-4N   | EPF8820ATC144-2N  |
| EPF8282ALC84-4     | EPF8636ALC84-2     | EPF8820ATC144-3   |
| EPF8282ALC84-4N    | EPF8636ALC84-3     | EPF8820ATC144-4   |
| EPF8282ATC100-2    | EPF8636ALC84-4     | EPF8820ATC144-4N  |
| EPF8282ATC100-2N   | EPF8636ALC84-4N    | EPF8820QC160-4    |
| EPF8282ATC100-3    | EPF8636ALI84-4     | MPF8282ATC100-3AC |
| EPF8282ATC100-3N   | EPF8636AQC160-2    | MPF8282ATC100AC   |
| EPF8282ATC100-4    | EPF8636AQC160-3    | MPF8452AQC160AC   |
| EPF8282ATC100-4N   | EPF8636AQC160-3N   | MPF8820AQC208AB   |
| EPF8282ATI100-3    | EPF8636AQC160-4    |                   |
| EPF8282ATI100-3N   | EPF8636AQC160-4N   |                   |

**Attachment 1K**  
**Affected Ordering Part Numbers (OPNs)**

| <b>MAX 7000</b>    |                    |                    |                    |
|--------------------|--------------------|--------------------|--------------------|
| EPM7032LC44-15S02A | EPM7064QC100-12    | EPM7128EQC100-20   | EPM7160EQC160-20   |
| EPM7032QC44-6      | EPM7064QC100-15    | EPM7128EQC100-20YY | EPM7160EQC160-20YY |
| EPM7064LC44-10     | EPM7064QC100-15MM  | EPM7128EQC100-7    | EPM7160EQI100-15   |
| EPM7064LC44-10MM   | EPM7064QC100-15YY  | EPM7128EQC100-7YY  | EPM7160EQI160-15   |
| EPM7064LC44-10YY   | EPM7064QC100-7     | EPM7128EQC160-10   | EPM7192EGC160-12   |
| EPM7064LC44-12     | EPM7064QC100-7YY   | EPM7128EQC160-12   | EPM7192EGC160-15   |
| EPM7064LC44-15     | EPM7064QI100-15    | EPM7128EQC160-15   | EPM7192EGC160-20   |
| EPM7064LC44-15YY   | EPM7064TC44-12     | EPM7128EQC160-15MM | EPM7192EGI160-15   |
| EPM7064LC44-7      | EPM7064TC44-15     | EPM7128EQC160-15YY | EPM7192EGI160-20   |
| EPM7064LC44-7YY    | EPM7064TC44-15YY   | EPM7128EQC160-20   | EPM7192EQC160-12   |
| EPM7064LC68-10     | EPM7064TC44-3      | EPM7128EQC160-20YY | EPM7192EQC160-12YY |
| EPM7064LC68-10YY   | EPM7064TC44-7      | EPM7128EQC160-7    | EPM7192EQC160-15   |
| EPM7064LC68-12     | EPM7064TC44-7YY    | EPM7128EQI100-15   | EPM7192EQC160-15YY |
| EPM7064LC68-12MM   | EPM7096LC84-2S002A | EPM7128EQI100-20   | EPM7192EQC160-20   |
| EPM7064LC68-12YY   | EPM7128ELC84-10    | EPM7160ELC84-10    | EPM7192EQI160-20   |
| EPM7064LC68-15     | EPM7128ELC84-10P   | EPM7160ELC84-10YY  | EPM7256EGC192-12   |
| EPM7064LC68-15MM   | EPM7128ELC84-10YY  | EPM7160ELC84-12    | EPM7256EGC192-15   |
| EPM7064LC68-15YY   | EPM7128ELC84-12    | EPM7160ELC84-15    | EPM7256EGC192-20   |
| EPM7064LC68-7      | EPM7128ELC84-15    | EPM7160ELC84-20    | EPM7256EGI192-15   |
| EPM7064LC68-7MM    | EPM7128ELC84-15YY  | EPM7160ELI84-20    | EPM7256EGI192-20   |
| EPM7064LC68-7YY    | EPM7128ELC84-20    | EPM7160EQC100-10   | EPM7256EQC160-12   |
| EPM7064LC84-10     | EPM7128ELC84-7     | EPM7160EQC100-10YY | EPM7256EQC160-12MM |
| EPM7064LC84-12     | EPM7128ELC84-7MM   | EPM7160EQC100-12   | EPM7256EQC160-12YY |
| EPM7064LC84-12YY   | EPM7128ELC84-7YY   | EPM7160EQC100-12YY | EPM7256EQC160-15   |
| EPM7064LC84-15     | EPM7128ELI84-20    | EPM7160EQC100-15   | EPM7256EQC160-20   |
| EPM7064LC84-7      | EPM7128EQC100-10   | EPM7160EQC100-20   | EPM7256ERC208-12   |
| EPM7064LC84-7MM    | EPM7128EQC100-10NC | EPM7160EQC100-20MM | EPM7256ERC208-12MM |
| EPM7064LC84-7YY    | EPM7128EQC100-10PY | EPM7160EQC100-20YY | EPM7256ERC208-12PY |
| EPM7064LI44-15     | EPM7128EQC100-10YY | EPM7160EQC160-10   | EPM7256ERC208-15   |
| EPM7064LI68-15     | EPM7128EQC100-12   | EPM7160EQC160-12   | EPM7256ERC208-20   |
| EPM7064LI84-15     | EPM7128EQC100-12YY | EPM7160EQC160-12YY | EPM7256ERC208-20MM |
| EPM7064QC100-10    | EPM7128EQC100-15   | EPM7160EQC160-15   | EPM7256ERC208-20YY |
| EPM7064QC100-10YY  | EPM7128EQC100-15YY | EPM7160EQC160-15YY | EPM7256ERI208-20   |



**Attachment 1L**  
**Affected Ordering Part Numbers (OPNs)**

| <b>MAX 700B</b>   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|
| EPM7032BTC48-3    | EPM7128BFC100-4   | EPM7256BFC169-5   | EPM7256BUC169-5   |
| EPM7032BTC48-5    | EPM7128BFC100-4N  | EPM7256BFC169-7   | EPM7256BUC169-7   |
| EPM7032BTC48-7    | EPM7128BFC100-7   | EPM7256BFC256-10  | EPM7256BUC169-7N  |
| EPM7064BFC100-3   | EPM7128BFC169-10  | EPM7256BFC256-10N | EPM7512BBC256-10  |
| EPM7064BFC100-3N  | EPM7128BFC169-4   | EPM7256BFC256-5   | EPM7512BBC256-5   |
| EPM7064BFC100-5   | EPM7128BFC169-7   | EPM7256BFC256-7   | EPM7512BBC256-7   |
| EPM7064BFC100-7   | EPM7128BFC256-10  | EPM7256BFC256-7N  | EPM7512BFC256-10  |
| EPM7064BFC49-3    | EPM7128BFC256-4   | EPM7256BFI256-7   | EPM7512BFC256-5   |
| EPM7064BFC49-5    | EPM7128BFC256-7   | EPM7256BQC208-10  | EPM7512BFC256-5GZ |
| EPM7064BFC49-7    | EPM7128BFC49-10   | EPM7256BQC208-5   | EPM7512BFC256-5N  |
| EPM7064BTC100-3   | EPM7128BFC49-4    | EPM7256BQC208-7   | EPM7512BFC256-7   |
| EPM7064BTC100-3N  | EPM7128BFI100-7   | EPM7256BTC100-10  | EPM7512BFC256-7N  |
| EPM7064BTC100-5   | EPM7128BLC84-10   | EPM7256BTC100-10N | EPM7512BFI256-7   |
| EPM7064BTC100-5N  | EPM7128BTC100-10  | EPM7256BTC100-5   | EPM7512BQC208-10  |
| EPM7064BTC100-7   | EPM7128BTC100-4   | EPM7256BTC100-5N  | EPM7512BQC208-5   |
| EPM7064BTC44-3    | EPM7128BTC100-4N  | EPM7256BTC100-7   | EPM7512BQC208-7   |
| EPM7064BTC44-3N   | EPM7128BTC100-7   | EPM7256BTC100-7N  | EPM7512BTC144-10  |
| EPM7064BTC44-5    | EPM7128BTC100-7N  | EPM7256BTC144-10  | EPM7512BTC144-5   |
| EPM7064BTC44-7    | EPM7128BTC144-10  | EPM7256BTC144-10N | EPM7512BTC144-7   |
| EPM7064BTC44-7N   | EPM7128BTC144-10N | EPM7256BTC144-5   | EPM7512BUC169-10  |
| EPM7064BTC48-3    | EPM7128BTC144-4   | EPM7256BTC144-5N  | EPM7512BUC169-5   |
| EPM7064BTC48-5    | EPM7128BTC144-7   | EPM7256BTC144-7   | EPM7512BUC169-5N  |
| EPM7064BTC48-7    | EPM7256BFC100-10  | EPM7256BTC144-7N  | EPM7512BUC169-7   |
| EPM7064BTI44-5    | EPM7256BFC100-5   | EPM7256BTI100-7N  | EPM7512BUC169-7N  |
| EPM7128BFC100-10  | EPM7256BFC100-7   | EPM7256BUC169-10  |                   |
| EPM7128BFC100-10N | EPM7256BFC169-10  | EPM7256BUC169-10N |                   |

**Attachment 1M**  
**Affected Ordering Part Numbers (OPNs)**

| <b>MAX 7000S</b>   |                    |                    |                    |
|--------------------|--------------------|--------------------|--------------------|
| EPM7032SQC44-5     | EPM7064STI44-7     | EPM7128SQC160-7    | EPM7160STI100-10N  |
| EPM7064SLC44-10    | EPM7064STI44-7N    | EPM7128SQC160-7N   | EPM7192SQC160-10   |
| EPM7064SLC44-10N   | EPM7128SLC84-10    | EPM7128SQC160-7YY  | EPM7192SQC160-10N  |
| EPM7064SLC44-5     | EPM7128SLC84-10N   | EPM7128SQCI100-10  | EPM7192SQC160-15   |
| EPM7064SLC44-5N    | EPM7128SLC84-15    | EPM7128SQI100-10   | EPM7192SQC160-15AB |
| EPM7064SLC44-6     | EPM7128SLC84-15N   | EPM7128SQI100-10N  | EPM7192SQC160-15N  |
| EPM7064SLC44-7     | EPM7128SLC84-6     | EPM7128SQI160-10   | EPM7192SQC160-7    |
| EPM7064SLC44-7N    | EPM7128SLC84-6N    | EPM7128SQI160-10N  | EPM7192SQC160-7N   |
| EPM7064SLC84-10    | EPM7128SLC84-7     | EPM7128STC100-10   | EPM7192SQC160-AA   |
| EPM7064SLC84-10N   | EPM7128SLC84-7N    | EPM7128STC100-10F  | EPM7192SQI160-10   |
| EPM7064SLC84-5     | EPM7128SLI84-10    | EPM7128STC100-10N  | EPM7192SQI160-10N  |
| EPM7064SLC84-5N    | EPM7128SLI84-10N   | EPM7128STC100-15   | EPM7256SQC160-12   |
| EPM7064SLC84-6     | EPM7128SQC100-10   | EPM7128STC100-15N  | EPM7256SQC160-7    |
| EPM7064SLC84-7     | EPM7128SQC100-10F  | EPM7128STC100-6    | EPM7256SQC208-10   |
| EPM7064SLC84-7N    | EPM7128SQC100-10FN | EPM7128STC100-6N   | EPM7256SQC208-10N  |
| EPM7064SLI44-7     | EPM7128SQC100-10N  | EPM7128STC100-7    | EPM7256SQC208-12   |
| EPM7064SLI44-7N    | EPM7128SQC100-10YY | EPM7128STC100-7F   | EPM7256SQC208-15   |
| EPM7064SLI84-7     | EPM7128SQC100-15   | EPM7128STC100-7N   | EPM7256SQC208-15N  |
| EPM7064STC100-10   | EPM7128SQC100-15ES | EPM7128STI100-10   | EPM7256SQC208-7    |
| EPM7064STC100-10F  | EPM7128SQC100-15F  | EPM7128STI100-10N  | EPM7256SQC208-7N   |
| EPM7064STC100-10FN | EPM7128SQC100-15FN | EPM7128STI100-10NG | EPM7256SRC208-10   |
| EPM7064STC100-10N  | EPM7128SQC100-15N  | EPM7160SLC84-10    | EPM7256SRC208-10N  |
| EPM7064STC100-5    | EPM7128SQC100-6    | EPM7160SLC84-10N   | EPM7256SRC208-15   |
| EPM7064STC100-5N   | EPM7128SQC100-6N   | EPM7160SLC84-6     | EPM7256SRC208-15N  |
| EPM7064STC100-6    | EPM7128SQC100-7    | EPM7160SLC84-7     | EPM7256SRC208-7    |
| EPM7064STC100-7    | EPM7128SQC100-7F   | EPM7160SLI84-10    | EPM7256SRC208-7ES  |
| EPM7064STC100-7N   | EPM7128SQC100-7FN  | EPM7160SQC100-10   | EPM7256SRC208-7N   |
| EPM7064STC44-10    | EPM7128SQC100-7N   | EPM7160SQC100-15   | EPM7256SRI208-10   |
| EPM7064STC44-10F   | EPM7128SQC100-7YY  | EPM7160SQC160-10   | EPM7256SRI208-10N  |
| EPM7064STC44-10FN  | EPM7128SQC160-10   | EPM7160SQC160-10N  | EPM7256SXXD        |
| EPM7064STC44-10N   | EPM7128SQC160-10ES | EPM7160SQC160-6    | MPM7128SQC100AB    |
| EPM7064STC44-5     | EPM7128SQC160-10N  | EPM7160SQC160-7    | MPM7128SQC100AC    |
| EPM7064STC44-5N    | EPM7128SQC160-10YY | EPM7160STC100-10   | MPM7128STC100AA    |
| EPM7064STC44-6     | EPM7128SQC160-15   | EPM7160STC100-10N  | MPM7128STC100AB    |
| EPM7064STC44-6N    | EPM7128SQC160-15ES | EPM7160STC100-6    | MPM7128STC100AC    |
| EPM7064STC44-7     | EPM7128SQC160-15N  | EPM7160STC100-6N   | MPM7192SQC160AC    |
| EPM7064STC44-7N    | EPM7128SQC160-15YY | EPM7160STC100-7    |                    |
| EPM7064STI100-7    | EPM7128SQC160-6    | EPM7160STC100-7N   |                    |
| EPM7064STI100-7N   | EPM7128SQC160-6N   | EPM7160STI100-10   |                    |

**Attachment 1N**  
**Affected Ordering Part Numbers (OPNs)**

| <b>MAX 9000</b>  |                   |                   |                 |
|------------------|-------------------|-------------------|-----------------|
| EPM9320LC84-15   | EPM9560ARC208-10  | EPM9560ARI208-10  | EPM9560RC240-20 |
| EPM9320LC84-20   | EPM9560ARC208-10N | EPM9560ARI240-10  | EPM9560RI240-20 |
| EPM9320LI84-20   | EPM9560ARC240-10  | EPM9560RC240-15   |                 |
| EPM9560ABC356-10 | EPM9560ARC240-10N | EPM9560RC240-15YY |                 |

| <b>MERCURY</b> |                 |                |                 |
|----------------|-----------------|----------------|-----------------|
| EP1M120F484C5  | EP1M120F484C7A  | EP1M120F484I6  | EP1M350F780C7ES |
| EP1M120F484C5N | EP1M120F484C7ES | EP1M120F484I6N | EP1M350F780I6   |
| EP1M120F484C6  | EP1M120F484C7N  | EP1M350F780C5  | EP1M350F780I6AA |
| EP1M120F484C6N | EP1M120F484C8A  | EP1M350F780C6  | EP1M350F780I6N  |
| EP1M120F484C7  | EP1M120F484C8ES | EP1M350F780C7  |                 |

| <b>MPLD</b>       |                  |                  |                 |
|-------------------|------------------|------------------|-----------------|
| MP1810LCM136A     | MPF10K50EFI256AA | MPF81188AQC240AD | MPM7128TC100AA  |
| MP20K600BC356AA   | MPF10K50QC240AB  | MPF8636AQC160AA  | MPM7256EQC208AF |
| MP20K600QC208AA   | MPF81188AQC208AA | MPF8636AQC208AA  | MPM9480QC208AA  |
| MPF10K10TI144AA   | MPF81188AQC240AA | MPM7064LC84AA    | MPM9560QC240AD  |
| MPF10K200SBC356AA | MPF81188AQC240AB | MPM7128ELC84AA   | MPM9560QC240AE  |
| MPF10K40QC208AA   | MPF81188AQC240AC | MPM7128QC100AA   |                 |