



Product Discontinuance Notification

Document #: PD22847X

Issue Date: 18 September 2019

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| Title of Change: | CCD Image Sensor Products Discontinuance Notice |
| Last Time Buy Date: | 18 March 2020 |
| Last Ship Date: | 18 September 2020 |
| Contact information: | Contact your local ON Semiconductor Sales Office or <PCN.Support@onsemi.com > |
| Type of notification: | Product Discontinuance Notification (PDN) |

Description and Purpose:

The ongoing market conversion from CCD to CMOS image sensors has been accelerated both by an industry slowdown that began in 2018 as well as availability of advanced CMOS image sensors such as ON Semiconductor's line of XGS products. In light of these factors, ON Semiconductor has been monitoring the sales activity and viability of our CCD image sensor products. The recent activity for the products on the attached device list has declined to a level which can no longer be sustained. As a result of this analysis we regret to announce discontinuance of our CCD products as described in this notification.

All CCD products are impacted by this change. The list of OPNs provided with this notification includes suggested replacement parts (where it was possible to identify a suitable replacement). In many cases, a call to ON Semiconductor Sales may be appropriate to discuss XGS CMOS image sensors in detail.

For those devices that have no recommended replacement identified, ON Semiconductor has partnered with Rochester Electronics who will carry any remaining device inventory to potentially allow for a continued source after ON Semiconductor has completed its business process.

PLEASE NOTE: ON Semiconductor may implement minimum order quantities or dollar amounts based on inventories available. Also, Devices on this Product Discontinuance become NCNR (Non-Cancelable, Non-Returnable).

For questions or concerns regarding this notification, please contact your local sales office or customer service representative. Thank you for your continued support of ON Semiconductor products, and we look forward to working with you to transition your designs to our latest CMOS image sensor products.

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NOTE: UPON PUBLICATION OF THIS DISCONTINUANCE NOTICE, ON SEMICONDUCTOR ALLOWS SIX (6) MONTHS FROM THE NOTICE DATE TO PLACE FINAL LIFETIME PURCHASE ORDERS. ACCEPTANCE IS SUBJECT TO REASONABLE ORDER QUANTITIES, PRODUCT AVAILABILITY AND ALL OTHER APPLICABLE TERMS AND CONDITIONS

NOTE: TO ALLOW AN ORDERLY EXIT FROM THE MARKET, PRODUCT SHALL NOT BE DELIVERED AFTER TWELVE (12) MONTHS BEYOND THE ANNOUNCEMENT DATE.



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List of Affected Standard Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [**PCN Customized Portal**](#).

| Device to be Discontinued | Recommended Replacement | Supplier |
|---------------------------|--|------------------|
| KAC-12040-CBA-JD-BA | NOIX1SE012KB-LTI | ON SEMICONDUCTOR |
| KAE-01093-ABB-SD-FA | NONE | N/A |
| KAE-01093-FBB-SD-FA | NONE | N/A |
| KAE-01093-QBB-SD-FA | NONE | N/A |
| KAE-02150-ABB-JP-FA | NONE | N/A |
| KAE-02150-ABB-SD-FA | NONE | N/A |
| KAE-02150-FBB-JP-FA | NONE | N/A |
| KAE-02152-ABB-SD-FA | NONE | N/A |
| KAE-02152-FBB-SD-FA | NONE | N/A |
| KAE-02152-QBB-SD-FA | NONE | N/A |
| KAE-04471-ABA-JP-FA | NONE | N/A |
| KAE-04471-FBA-JP-FA | NONE | N/A |
| KAE-08151-ABA-JP-FA | NONE | N/A |
| KAE-08151-FBA-JP-FA | NONE | N/A |
| KAF-0402-ABA-CD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-09000-ABA-DD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-09000-ABA-DP-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-09001-ABA-DD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-1001-AAA-CP-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-1001-AAA-CP-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-16200-ABA-CD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-16200-ABA-CD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-16801-AAA-DP-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |



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| KAF-16801-AAA-DP-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-16803-ABA-DD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-16803-ABA-DP-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-3200-ABA-CD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-3200-ABA-CP-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-50100-AAA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-50100-ABA-JP-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-6303-AAA-CD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-6303-AAA-CP-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAF-8300-AXC-CB-AA | NOIX1SN8000B-LTI | ON SEMICONDUCTOR |
| KAF-8300-AXC-CD-AA | NOIX1SN8000B-LTI | ON SEMICONDUCTOR |
| KAF-8300-AXC-CP-AA | NOIX1SN8000B-LTI | ON SEMICONDUCTOR |
| KAI-01050-ABA-FD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-01050-ABA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-02050-ABA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-02150-AAA-JP-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-02150-ABA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-02150-FBA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-02170-ABA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-0340-AAA-CF-AA-DUAL | NOIP1SN0480A-STI | ON SEMICONDUCTOR |
| KAI-0340-ABB-CB-AA-DUAL | NOIP1SN0480A-STI | ON SEMICONDUCTOR |
| KAI-0340-ABB-CB-AA-SINGLE | NOIP1SN0480A-STI | ON SEMICONDUCTOR |
| KAI-0340-FBA-CB-AA-DUAL | NOIP1SE0480A-STI | ON SEMICONDUCTOR |



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| KAI-04022-ABA-CD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04022-ABA-CR-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04022-FBA-CD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04050-ABA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04050-ABA-JP-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04050-FBA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04070-ABA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04070-ABA-JR-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-04070-AEA-JF-BA | NONE | N/A |
| KAI-04070-FBA-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-08050-ABA-JD-BA | NOIX1SN8000B-LTI | ON SEMICONDUCTOR |
| KAI-08051-AXA-JD-BA | NOIX1SN8000B-LTI | ON SEMICONDUCTOR |
| KAI-08051-AXA-JP-BA | NOIX1SN8000B-LTI | ON SEMICONDUCTOR |
| KAI-08051-FXA-JD-BA | NOIX1SE8000B-LTI | ON SEMICONDUCTOR |
| KAI-08051-QXA-JD-BA | NOIX1SE8000B-LTI | ON SEMICONDUCTOR |
| KAI-08052-ABA-JD-BA | NOIX1SN8000B-LTI | ON SEMICONDUCTOR |
| KAI-1003-AAA-CR-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-1003-ABA-CD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-1020-ABB-FD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-1020-ABB-JD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-1020-FBA-FD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-11002-AAA-CP-B1 | NOIX1SN012KB-LTI | ON SEMICONDUCTOR |
| KAI-11002-ABA-CD-B0 | NOIX1SN012KB-LTI | ON SEMICONDUCTOR |
| KAI-11002-ABA-CD-B1 | NOIX1SN012KB-LTI | ON SEMICONDUCTOR |
| KAI-11002-ABA-CD-B2 | NOIX1SN012KB-LTI | ON SEMICONDUCTOR |



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| KAI-11002-ABA-CP-B1 | NOIX1SN012KB-LTI | ON SEMICONDUCTOR |
| KAI-11002-ABA-CP-B2 | NOIX1SN012KB-LTI | ON SEMICONDUCTOR |
| KAI-11002-FBA-CD-B1 | NOIX1SE012KB-LTI | ON SEMICONDUCTOR |
| KAI-11002-FBA-CD-B2 | NOIX1SE012KB-LTI | ON SEMICONDUCTOR |
| KAI-16000-AAA-JP-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16000-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16000-AXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16000-AXA-JD-BX | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16000-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16050-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16050-AXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16050-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16050-FXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16070-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16070-AXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16070-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-16070-FXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-2020-ABA-CD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-2020-ABA-CP-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-AAA-JP-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-AXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |



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| KAI-29050-AXA-JR-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-FXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-QXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-QXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29050-QXA-JX-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29052-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29052-AXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29052-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29052-FXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-29052-QXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-4021-AAA-CR-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-4021-ABA-CD-BA | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-43140-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-43140-AXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-43140-AXA-JP-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-43140-AXB-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-43140-AXB-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-43140-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-43140-FXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |



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| KAI-43140-QXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-47051-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-47051-AXA-JP-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-47051-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-47051-QXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-47051-QXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-47052-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-50140-AXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-50140-AXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-50140-AXB-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-50140-AXB-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-50140-FXA-JD-B1 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KAI-50140-FXA-JD-B2 | CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE | N/A |
| KLI-2113-AAA-ER-AA | NONE | N/A |
| KLI-2113-AAB-ED-AA | NONE | N/A |
| KLI-2113-RAA-ED-AA | NONE | N/A |
| KLI-4104-RAA-CB-AA | NONE | N/A |
| KLI-8023-AAA-ER-AA | NONE | N/A |