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**PRODUCT DISCONTINUANCE # 20725**

Generic Copy

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**Issue Date:** 14-Jan-2015

**TITLE:** Discontinuance of all 5.5 micron Interline devices having Gen1 CFA materials  
(Being replaced by new products having Gen2 CFA materials)

**LAST BUY DATE:** 14-Jul-2015

**LAST SHIP DATE:** 14-Jan-2016

Availability of these products is limited, and fulfillment of LTB orders is subject to availability.

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

If purchasing ON Semiconductor image sensors from a distributor, please contact your distributor. If buying directly from ON Semiconductor, contact your local ON Semiconductor sales office or a customer service representative.

**NOTIFICATION TYPE:**

Customers must notify ON Semiconductor (<quality@onsemi.com>) in writing within 90 days of receipt of this notification if they consider the discontinued product to be "Sole Source." ON Semiconductor and the customer may negotiate an appropriate End-of-Life.

**DESCRIPTION AND PURPOSE:**

Consistent with JEDEC Standard No. 48-C, this letter serves as notification that ON Semiconductor is discontinuing a series of color Interline Transfer CCD Image Sensors which use Gen1 Color Filter Array (CFA) materials. New CFA materials have been adopted for these devices, based on notification by our supplier that they are cancelling support for the materials currently used in these products. Transitioning to the new CFA materials will help ensure continued CCD image sensor availability from ON Semiconductor. Refer to our previous notification, dated July 30, 2014, for additional background on this topic.

Discontinued Orderable Part Numbers (OPNs) are shown in a list on a later page of this document, as are recommended replacement OPNs.



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**UPDATED TIME LINE FOR CONVERSION OF OTHER COLOR IMAGE SENSORS:**

It is anticipated that Phase B and Phase C products will be converted from Gen1 to Gen2 CFA materials per the schedule presented in Table 1. Dates are approximate, and subject to change.

Phase	Product(s) in Phase	Target date for availability of samples for first product in Phase	Target date for availability of samples for last product in Phase	
A	KAI-01150 KAI-01050 KAI-02050 KAI-02150	KAI-04050 KAI-16050 KAI-29050	Available	Available
B	KAI-02170 KAI-04070	KAI-16070	End of January '15	End of January '15
C	KAI-0340 KAI-04022 KAI-1020 KAI-2001 KAI-2020 KAI-2093 KAI-4011 KAI-4021	KAF-40000 KAI-11002 KAI-16000 KLI-2104 KLI-2113 KLI-4104 KLI-8023	Q1 '15	1H '16

**Table 1: CFA conversion rollout and timeline**

In an attempt to minimize the number and frequency of product discontinuance notices to its customers, ON Semiconductor is publishing this quarterly product discontinuance notification.

Some of the devices contained in this notice may be part of a product portfolio renewal process or a manufacturing facility closure. ON Semiconductor continually monitors worldwide sales and billings activities on all the products offered to its customers.

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).

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.

End of life buy orders must be placed before 14-Jul-2015  
 End of life buy orders must be shipped before 14-Jan-2016



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**List of affected General Parts:**

Discontinued Orderable Part Number	Truesense Catalog Number (Legacy)	Replacement Orderable Part Number	Truesense Catalog Number (Legacy)
KAI-01150-CBA-FD-BA	4H2134	KAI-01150-FBA-FD-BA	4H2365
KAI-01150-CBA-JB-B2	4H2246	KAI-01150-FBA-JB-B2	4H2371
KAI-01150-CBA-JD-BA	4H2132	KAI-01150-FBA-JD-BA	4H2363
KAI-01150-PBA-FD-BA	4H2139	KAI-01150-QBA-FD-BA	4H2369
KAI-01150-PBA-JD-BA	4H2136	KAI-01150-QBA-JD-BA	4H2367
KAI-01050-CBA-FD-BA	4H2148	KAI-01050-FBA-FD-BA	4H2354
KAI-01050-CBA-JD-BA	4H0915	KAI-01050-FBA-JD-BA	4H2352
KAI-02050-CBA-FD-BA	4H2152	KAI-02050-FBA-FD-BA	4H2360
KAI-02050-CBA-JB-B2	4H2218	KAI-02050-FBA-JB-B2	4H2358
KAI-02050-CBA-JB-B2-T	4H2308	KAI-02050-FBA-JB-B2-T	4H2362
KAI-02050-CBA-JD-BA	4H2037	KAI-02050-FBA-JD-BA	4H2356
KAI-02150-CBA-FD-BA	4H2119	KAI-02150-FBA-FD-BA	4H2322
KAI-02150-CBA-JB-B2	4H2141	KAI-02150-FBA-JB-B2	4H2326
KAI-02150-CBA-JB-B2-T	4H2292	KAI-02150-FBA-JB-B2-T	4H2332
KAI-02150-CBA-JD-BA	4H2045	KAI-02150-FBA-JD-BA	4H2320
KAI-02150-PBA-FD-BA	4H2205	KAI-02150-QBA-FD-BA	4H2328
KAI-02150-PBA-JD-BA	4H2125	KAI-02150-QBA-JD-BA	4H2324
KAI-08050-CBA-JB-B2	4H2257	KAI-08051-FBA-JB-B2	4H2343
KAI-08050-CBA-JD-BA	4H2079	KAI-08051-FBA-JD-BA	4H2341
KAI-08050-PBA-JD-BA	4H2180	KAI-08051-QBA-JD-BA	4H2330
KAI-16050-CXA-JD-B1	4H2194	KAI-16050-FXA-JD-B1	4H2373
KAI-16050-CXA-JD-B2	4H2195	KAI-16050-FXA-JD-B2	4H2374
KAI-16050-PXA-JD-B1	4H2198	KAI-16050-QXA-JD-B1	4H2376
KAI-16050-PXA-JD-B2	4H2199	KAI-16050-QXA-JD-B2	4H2377
KAI-29050-CXA-JD-B1	4H2172	KAI-29050-FXA-JD-B1	4H2333
KAI-29050-CXA-JD-B2	4H2173	KAI-29050-FXA-JD-B2	4H2334
KAI-29050-PXA-JD-B1	4H2175	KAI-29050-QXA-JD-B1	4H2336
KAI-29050-PXA-JD-B2	4H2176	KAI-29050-QXA-JD-B2	4H2337

Note: Color versions of KAI-04050 are available with either Gen1 or Gen2 CFA. Neither is being discontinued at this time, in anticipation of a future product release analogous to KAI-08051. Once the new product is launched (expected to occur late in 2015), all prior variants of KAI-04050 will be discontinued.