

KAI-29050-QXA-JX Supplement



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KAI-29050 Addendum

This supplement contains information regarding the Gen2 Color (Sparse CFA), Special Microlens, PGA Package, Sealed Clear Cover Glass with IR-Cut coating (both sides) configuration. See the KAI-29050 datasheet for all other performance parameters.

ADDENDUM

ORDERING INFORMATION

Part Number	Description	Marking Code
KAI-29050-QXA-JX-B1	Gen2 Color (Sparse CFA), Special Microlens, PGA Package, Sealed Clear Cover Glass with IR-Cut coating (both sides), Grade 1	KAI-29050-QXA
KAI-29050-QXA-JX-B2	Gen2 Color (Sparse CFA), Special Microlens, PGA Package, Sealed Clear Cover Glass with IR-Cut coating (both sides), Grade 2	
KAI-29050-QXA-JX-AE	Gen2 Color (Sparse CFA), Special Microlens, PGA Package, Sealed Clear Cover Glass with IR-Cut coating (both sides), Engineering Grade	

See the ON Semiconductor *Device Nomenclature* document (TND310/D) for a full description of the naming convention used for image sensors. For reference documentation, including information on evaluation kits, please visit our web site at www.onsemi.com.

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TYPICAL PERFORMANCE CURVES

Quantum Efficiency

Color (Sparse CFA) with Microlens with IR-Cut Glass

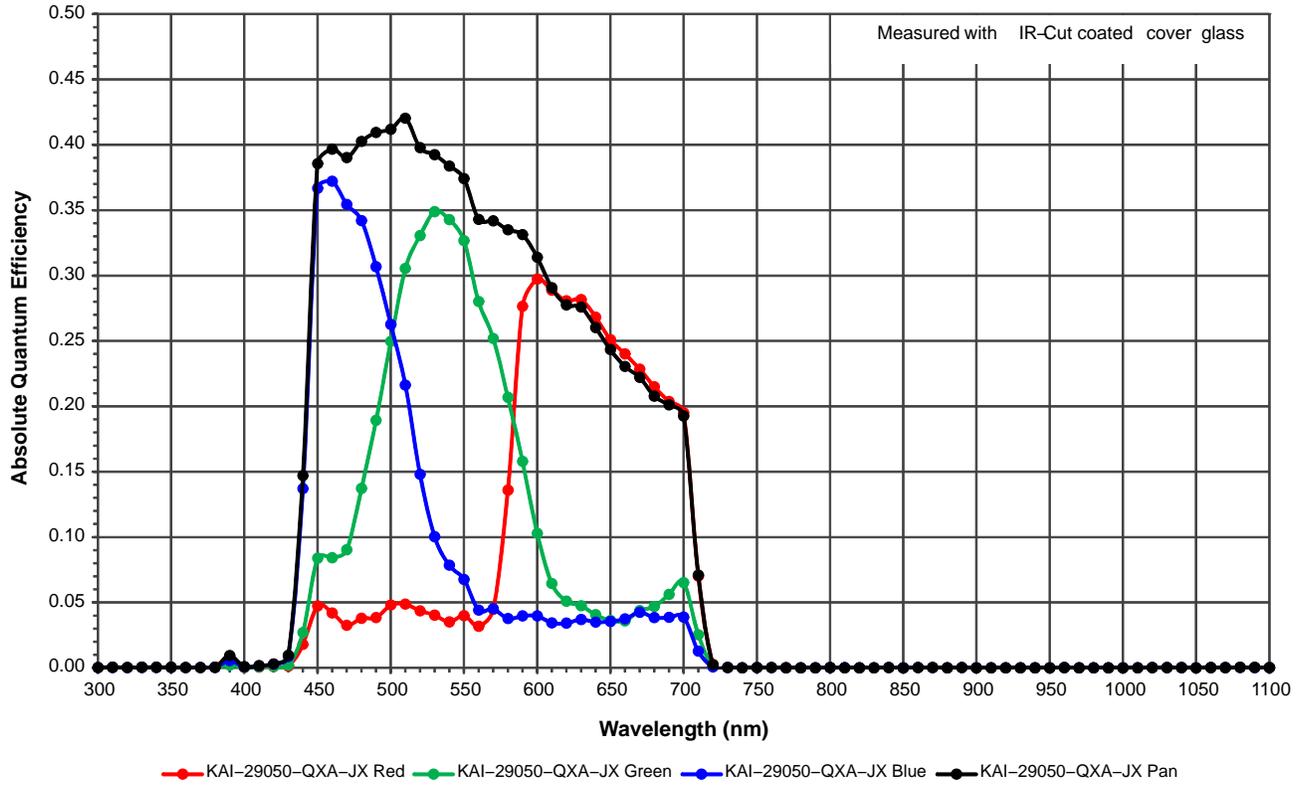


Figure 1. Color (Sparse CFA) with Microlens with IR-Cut Glass Quantum Efficiency

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Comparing IR-Cut Glass (29050-QXA-JX) versus MAR Glass (KAI-29050-QXA-JD) QE

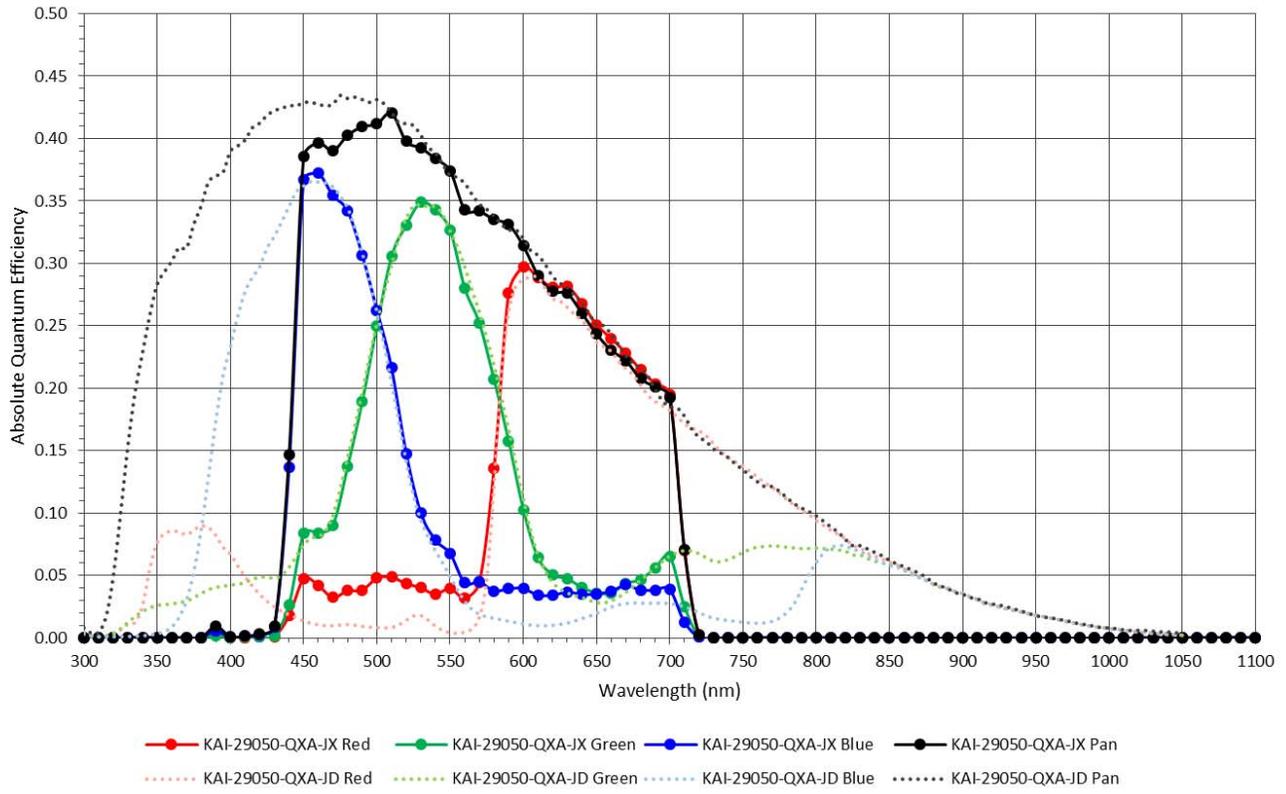


Figure 2. Comparing IR-Cut versus MAR Glass Quantum Efficiency

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Cover Glass Transmission

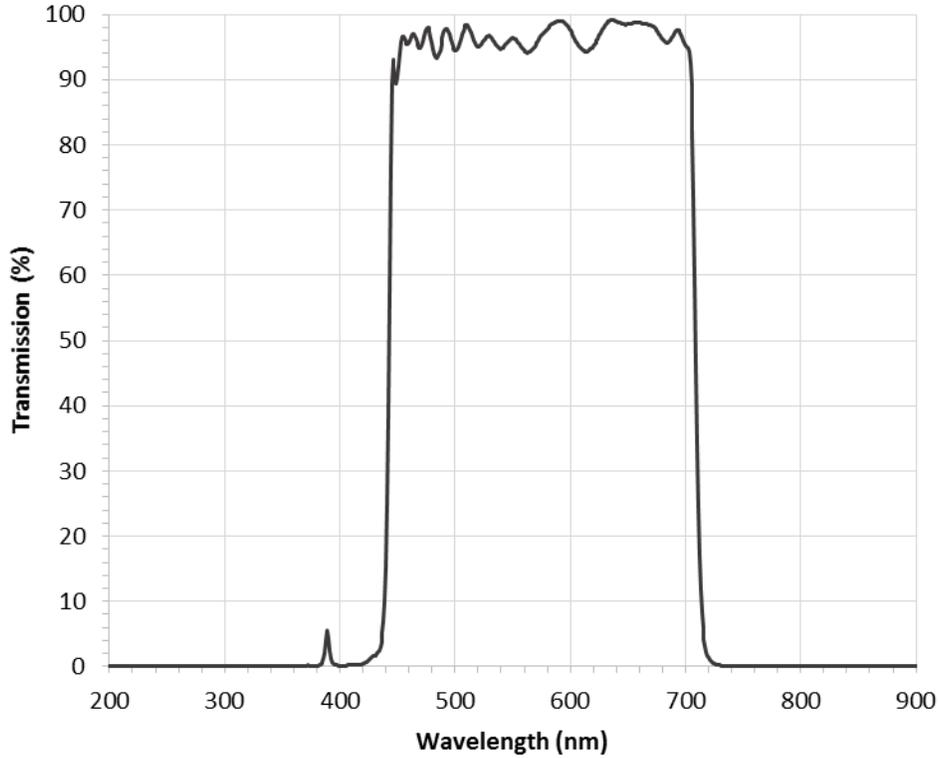


Figure 4. Cover Glass Transmission

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