



PRESS RELEASE

e-con Systems Inc.

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For immediate release

e-con Systems Launches 8MP Full HD MIPI Camera board for i.MX7 (SABRE Development Board)
e-CAM80_IMX7 interfaces on to i.MX7 NXP® SABRE Development Board; Streams Full HD 1080p@30fps

ST. LOUIS, USA and CHENNAI, India – Jan 10, 2018, e-con Systems Inc., a leading embedded camera company specialized in the development of advanced camera solutions, announces the launch of **e-CAM80_IMX7, 8MP Full HD Autofocus MIPI Camera Board for NXP® i.MX7**. The e-CAM80_IMX7 is a CSI-2 MIPI camera that can be interfaced with **NXP® SABRE development board**. e-CAM80_IMX7 is based on 1/3.2" OV8865 CMOS image sensor from Omni Vision. e-CAM80_IMX7 comes with an high-performance Image Signal Processor (ISP) that performs all the Auto functions (Auto Focus, Auto White Balance, Auto Exposure control). e-CAM80_IMX7 can stream Full HD 1080p@30fps and also supports 8MP@11fps.

NXP®IMX7 series is a unique processor for low power portable Internet of Things applications. Internet of Things is going from Smart to Intelligent. These intelligent devices require video camera to take actions. Imagine an Intelligent video camera can capture live traffic, send it to cloud and take desired action for it. Also, this can detect an accident and call emergency central or take other necessary actions. This will reduce the time considerably for an action. So, the need of the hour is high quality and high definition cameras for Intelligent IOT applications. e-CAM80_IMX7 will perfectly fit into this space.

e-CAM80_IMX7 features high performance Image signal processor (ISP) that provides an excellent quality and low-light images, making this camera ideal for customers designing Internet Of Things (IOT) applications, kiosk, barcode scanning applications and microscopic applications.

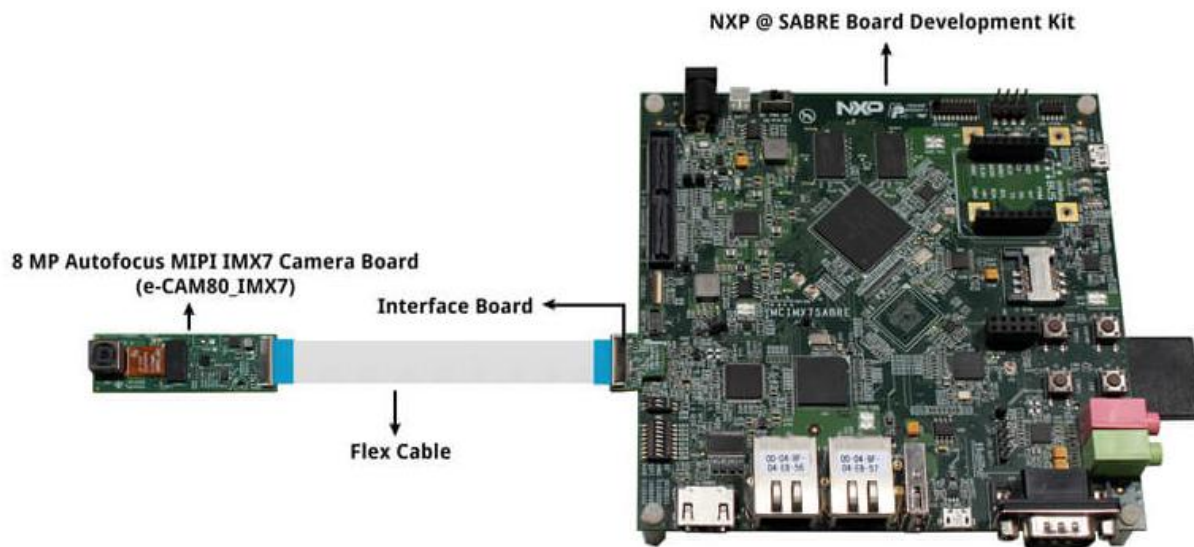


Fig 1 - e-CAM80_IMX7 - 8MP MIPI camera for i.MX7 processors on NXP® SABRE Development Board



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"Our first camera for i.MX7 is an 8MP autofocus camera and is targeted for next generation of IOT applications using i.MX7 processor. A high resolution camera enables capturing more information that can be processed in cloud and our 8MP camera will be a right camera for such applications" said **Ashok Babu, President of e-con Systems Inc.**

Customers interested in other image sensors/camera modules can approach e-con Systems for interfacing those cameras with i.MX7 and e-con Systems can develop a customized hardware/software solution for them.

Availability

e-CAM80_IMX7 is currently available for evaluation. Customers interested in evaluating the e-CAM80_IMX7 with on NXP® SABRE Development Board can order samples from e-con Systems' [online store](#).

About e-con Systems

e-con Systems specializes in camera solutions with offerings like camera modules, USB camera modules, camera boards for various microprocessors, camera Device driver development services on Windows/Linux/Android Operating systems, Camera reference design, software ISP, camera customization and camera tuning. To learn more, go to <https://www.e-consystems.com/>

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