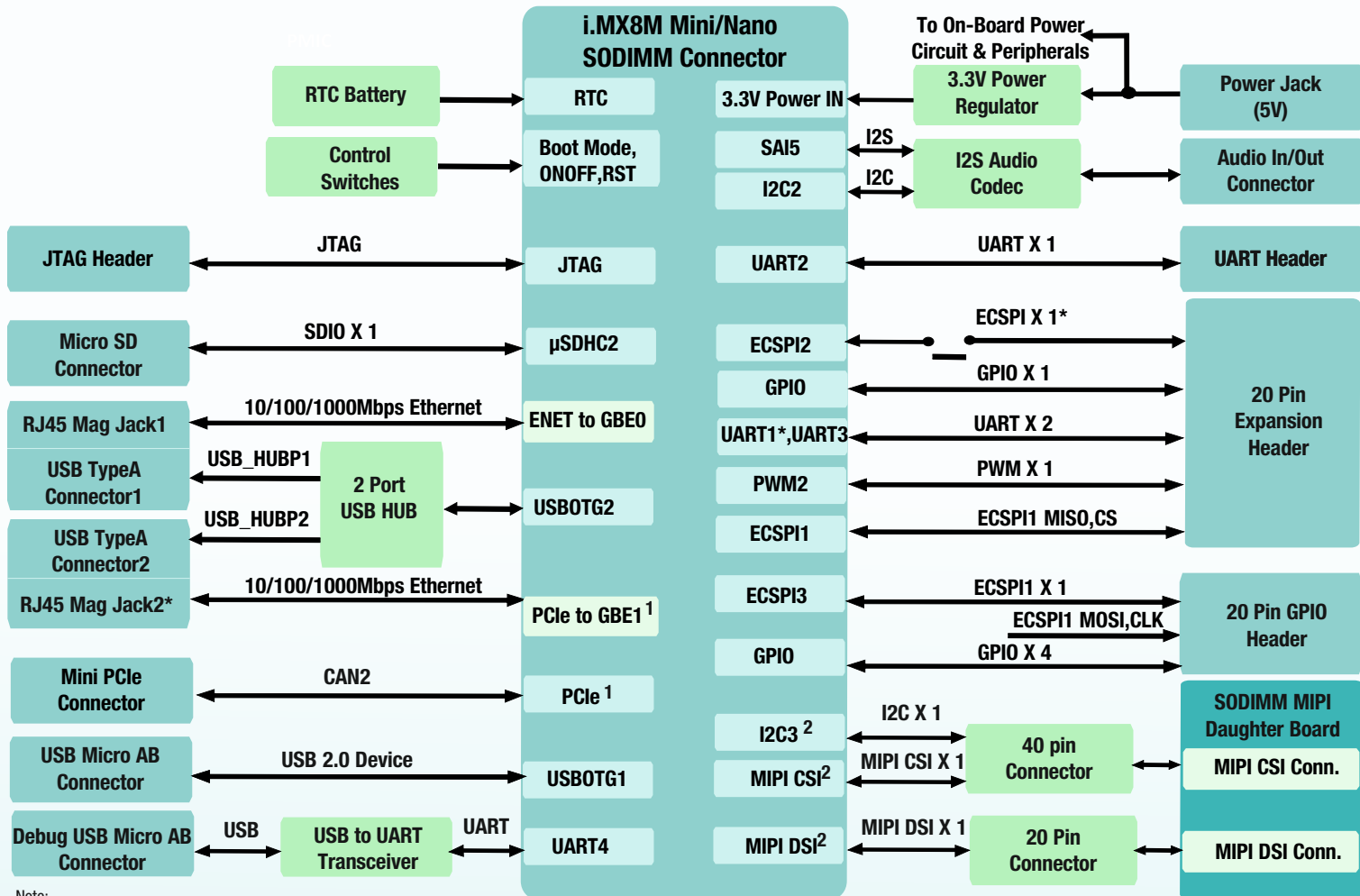




## i.MX8M Mini/Nano SODIMM DEVELOPMENT BOARD BLOCK DIAGRAM



Note:  
 1. i.MX 8M Mini PCIe interface is shared with Mini PCIe Connector and on-SOM PCIe to Ethernet PHY. By default Mini PCIe is supported and RJ45 Mag Jack2 is optional.  
 2. I2C3, MIPI CSI and DSI interface can be validated only with an add on board-SODIMM MIPI daughter board.  
 \*Optional

### OS SUPPORT

Linux 5.10.72  
 Android 11  
 Ubuntu 20.04 LTS  
 Buildroot 2021.02.8 LTS

### DELIVERABLES

i.MX8M Mini/Nano SODIMM Kit  
 Kit Board Support Packages  
 5V AC-DC Adapter  
 HW/SW User Manual

### OPTIONAL KITS

SODIMM Heatsink  
 Camera Module  
 Security Suite (Optional)

### CUSTOM DEVELOPMENT

BSP Development/OS Porting  
 Custom SOM/Carrier development  
 Custom application/GUI development  
 Design review and support

iWave Systems Technologies, established in 1999, focuses on Product Engineering Services involving Embedded Hardware, Software & FPGA. The company designs and develops cutting edge products and solutions. iWave has been an innovator in the development of highly integrated, high performance, low power and low cost System On Modules and Development Platforms. iWave's expertise has brought out multiple SOMs based on ARM, Freescale, Intel Atom, Marvell and TI Processors.

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\*Optional items not included in the standard deliverables.

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### i.MX8M Mini/Nano SODIMM Devkit

The device can be ordered online from the iWave Website  
<https://www.iwavesystems.com/product/i-mx-8m-mini-nano-sodimm-som/>  
 Or from our Local Partners in your region  
<http://www.iwavesystems.com/about-us/business-partner.html>