

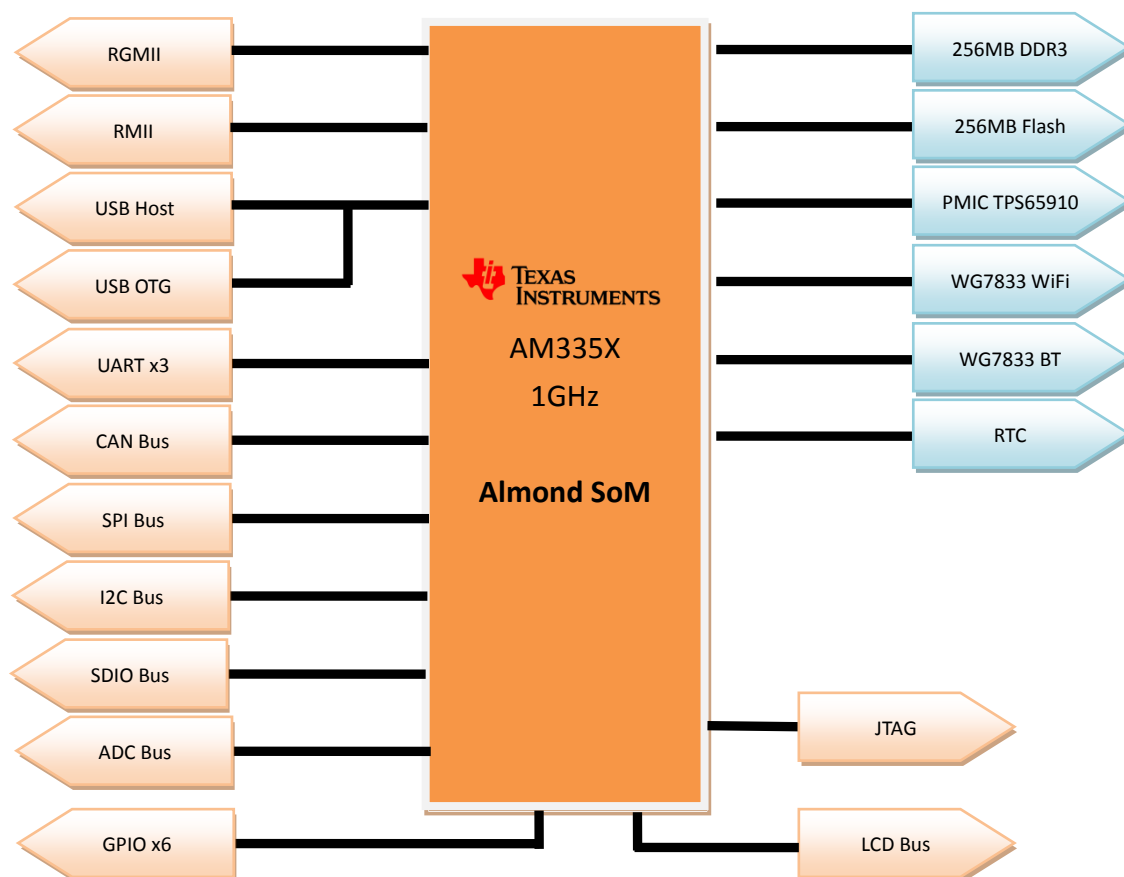
# DDR-203 SODIMM System-on-Modules | Almond

## Key Features

- Industrial design
- Hardware testing before shipping
- ✓ TI ARM-Cortex A8 AM335X up to 1GHz
- ✓ Onboard DDR3 256MB, 256MB NAND Flash
- ✓ 5V VDC Input
- ✓ Full Open Source Support on Linux base OS
- ✓ -40~85°C Operating Temperature
- ✓ Long Life time support: 5 years



Specifications	Almond
<b>System</b>	
CPU	TI ARM Cortex-A8 AM335X up to 1GHz
GPU	PowerVR SGX544
Memory	Up to 1GB DDR3 (default 256MB)
Flash	Up to 512MB NAND Flash (default 256MB)
PMIC	TI TPS65910
WiFi/Bluetooth	802.11a/b/g/n, BT v4.2 (Optional)
RTC	x1
<b>I/O</b>	
Network	RGMII x1, RMII x1
USB Host	x1
USB OTG	x1
Serial Port	x3
CAN bus	x1
I2C	x2
SPI	x1
SDIO	x1
ADC	x1
GPIO	x6
LCD	16-bit RGB x1
JTAG	x1
<b>Software</b>	
Linux Kernel	4.4.19 ↑
OS	Ubuntu, Buildroot, Yocto, LEDE, Android Things
<b>Environmental</b>	
Dimension	68 x 38mm
Certification	CE, FCC, RoHS



## Ordering Information



**NutsBoard**

Almond-ST7B2AS-D256-N256-WB (with WiFi/Bluetooth)

Almond-ST7B2AS-D256-N256 (without WiFi/Bluetooth)

[www.nutsboard.com](http://www.nutsboard.com)

[nutsboard@gmail.com](mailto:nutsboard@gmail.com)

Please contact us for custom the Carrier Board for your projects.