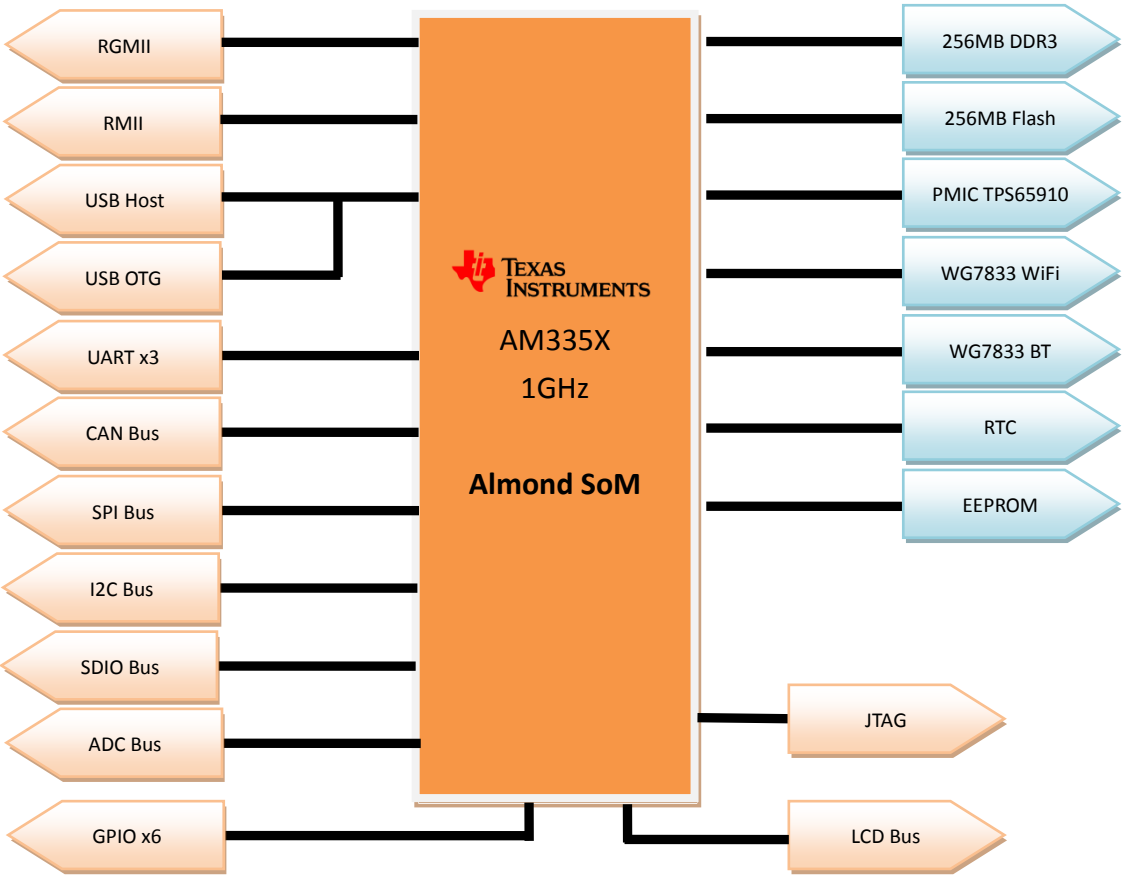
Key Features

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

Specifications	Almond
System	
CPU	TI ARM Cortex-A8 AM3352 up to 1GHz (default 600MHz)
GPU	PowerVR SGX544
Memory	Up to 1GB DDR3 (default 256MB)
Flash	Up to 512MB NAND Flash (default 256MB)
PMIC	TI TPS65910
EEPROM	AT24C 256B
WiFi/Bluetooth	802.11b/g/n, BT v4.2 (Optional)
RTC	x1
I/O	
Network	RGMII x1, RMII x1
USB Host/OTG	x2
Serial Port	x3
CAN bus	x1
I2C	x2
SPI	x1
SDIO	x1
ADC	x1
GPIO	x6
LCD	16-bit RGB x1
JTAG	x1
Software	
Linux Kernel	4.4.32 ↑
OS	Ubuntu, Buildroot, Yocto, LEDE, Android Things
Environmental	
Dimension	68 x 38mm
Certification	CE, FCC, RoHS



Ordering Information

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

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

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NutsBoard

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