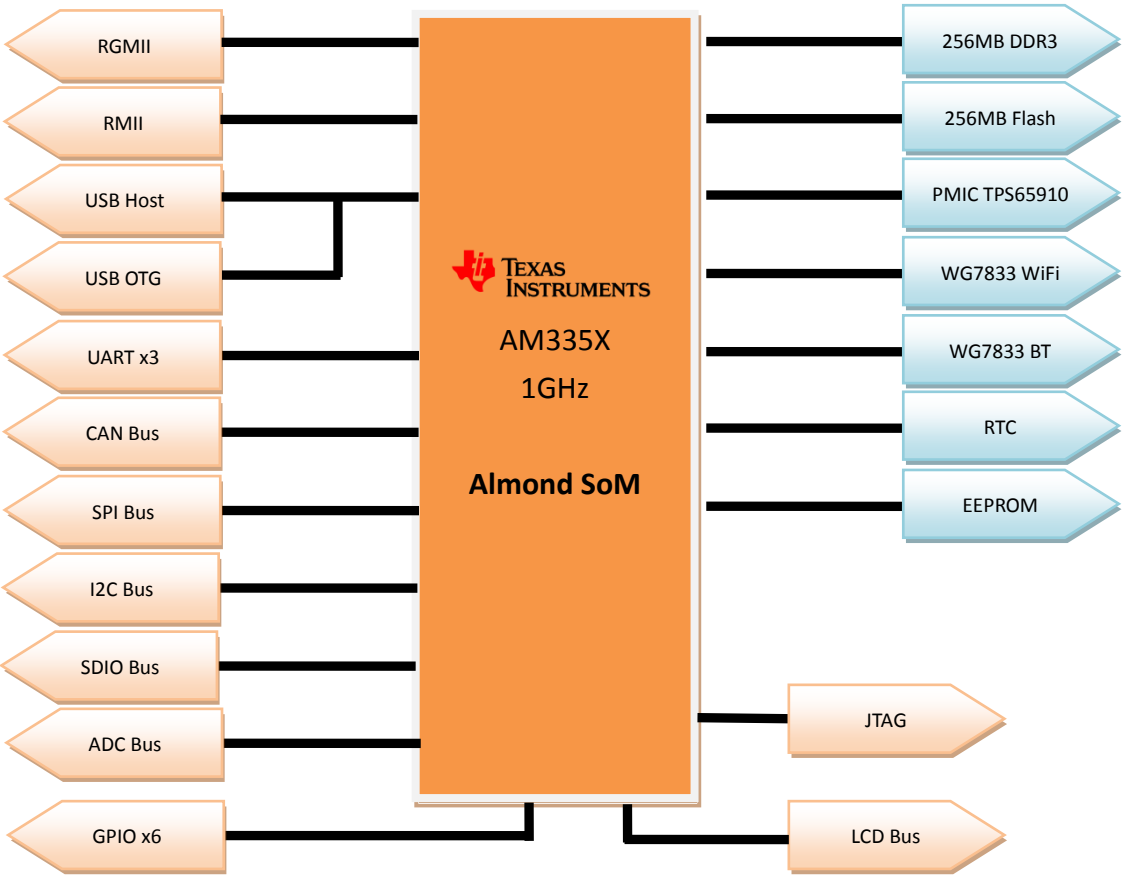
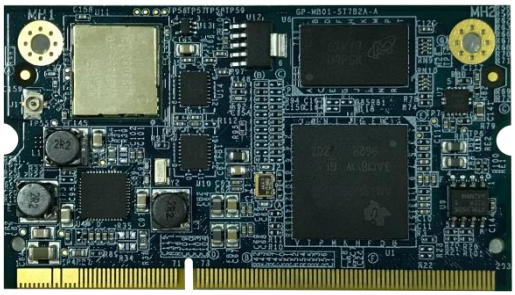
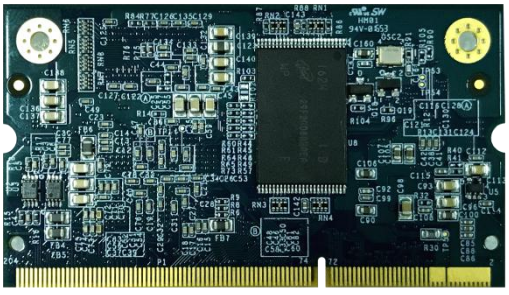
Key Features

- ■ 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)
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)

NutsBoard

www.nutsboard.org

nutsboard@gmail.com

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