

# 204 pin SO-DIMM System-on-Modules | Almond

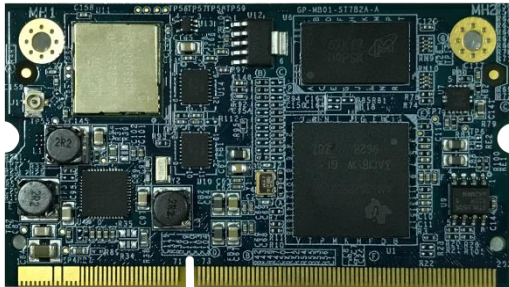
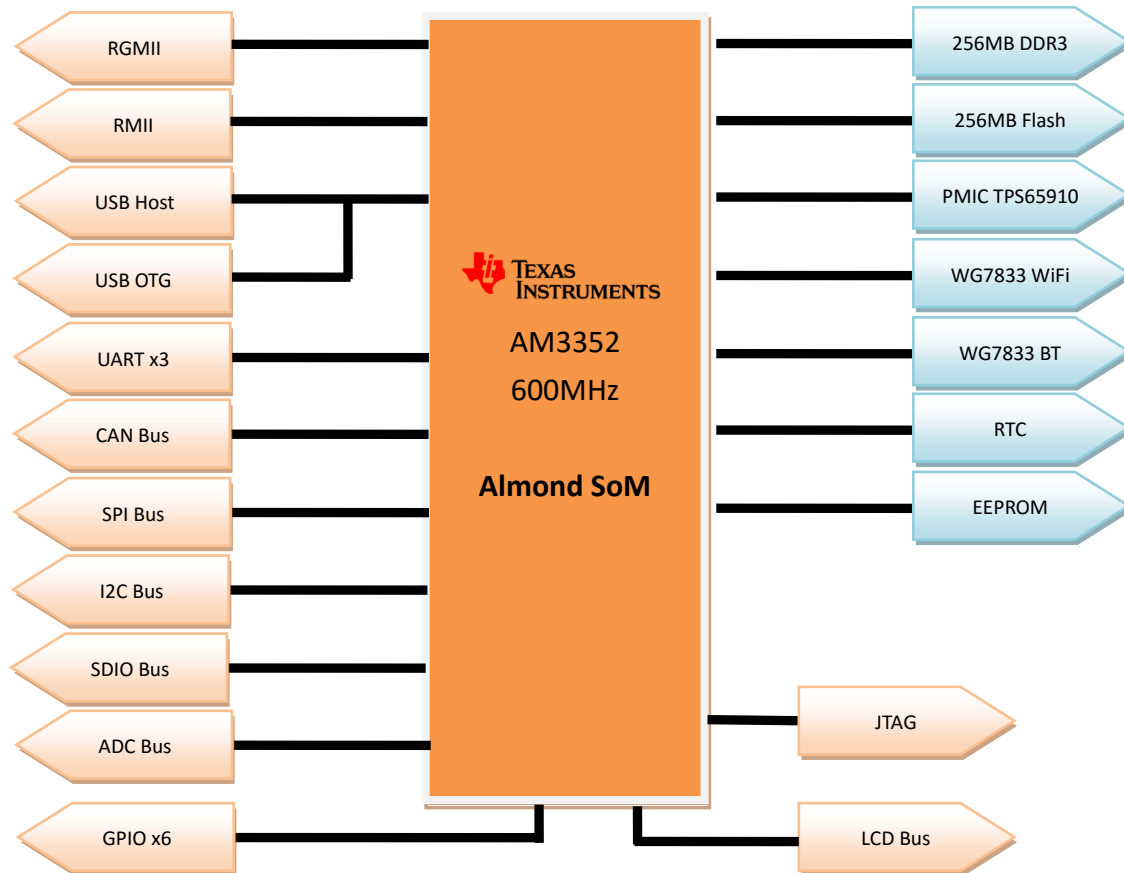
## Key Features

- Industrial / Commercial design
- -40~85°C / 0~85°C operating temperature
- ✓ TI ARM-Cortex A8 AM3352 600 MHz
- ✓ 5V VDC Input
- ✓ Full Open Source Support on Linux base OS
- ✓ Hardware testing before shipping
- ✓ Long Life time support: 5 years



Specifications	Almond
<b>System</b>	
CPU	TI ARM Cortex-A8 AM3352 600MHz
Memory	Up to 1GB DDR3 (default 256MB)
Flash	256MB NAND Flash
PMIC	TI TPS65910
EEPROM	AT24C 256B
WiFi/Bluetooth	802.11b/g/n, BT v4.2 (Optional)
RTC	x1
<b>I/O</b>	
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
<b>Software</b>	
Linux Kernel	4.4.32 ↑
OS	Debian, Ubuntu, Buildroot, Yocto, LEDE, Android Things
<b>Environmental</b>	
Dimension	68 x 38mm
Certification	CE, FCC (class A), RoHS, EMI, ESD and Surge for pre-testing

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## Ordering Information



### Part No.

Almond-S52600-D256-N256-WB

with WiFi/Bluetooth

Almond-S52600-D256-N256

without WiFi/Bluetooth

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