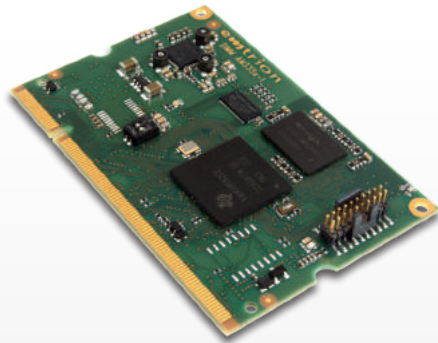


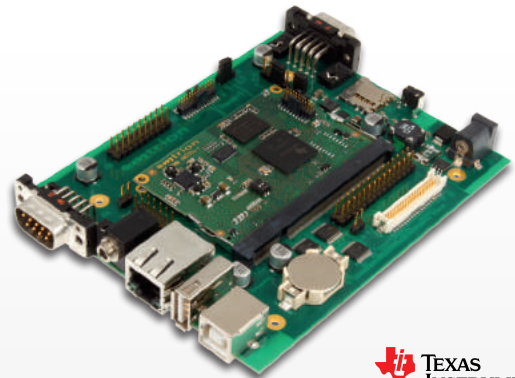
DIMM-AM3352
DIMM-AM3354

Processor module

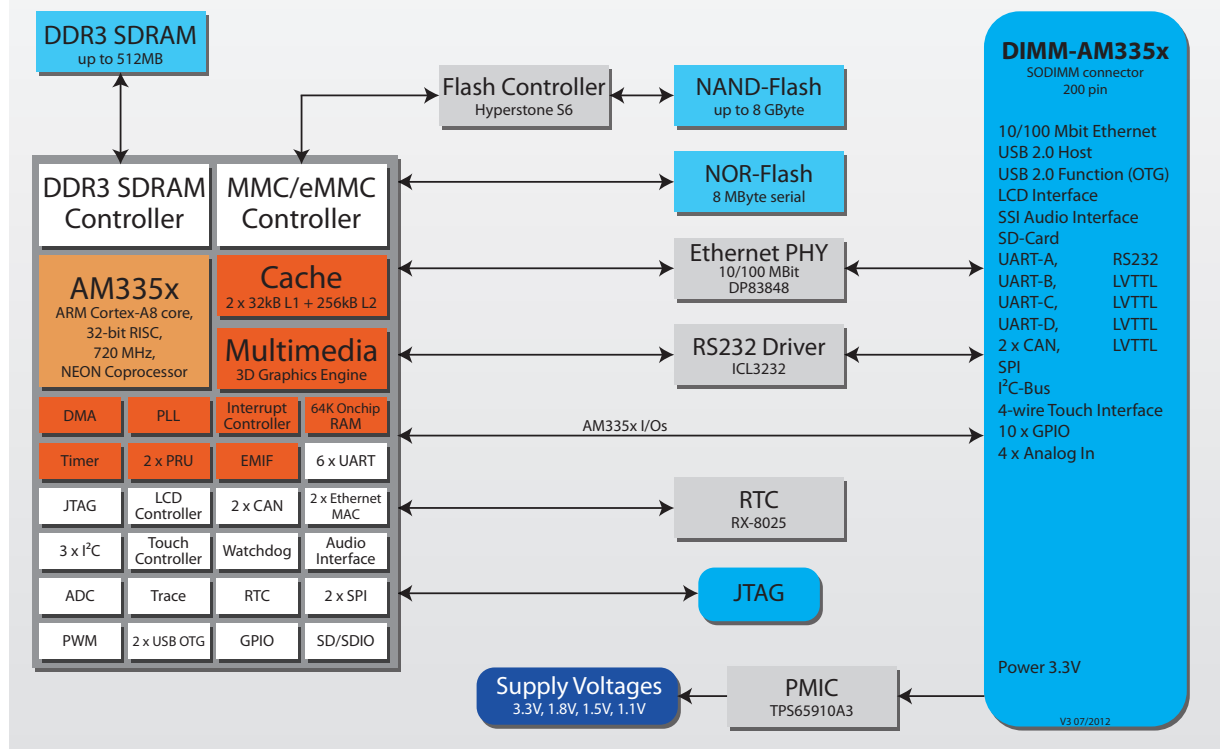
with Texas Instruments Cortex-A8 Sitara AM335x Processor



DIMM-AM335x
Dimensions: 67.6 x 45 mm



SBC
Dimensions: 100 x 125 mm

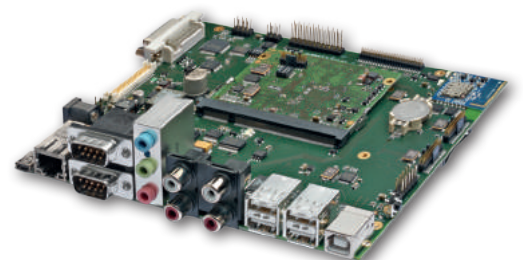


Getting started with your embedded development!



Reduce your time to market with emtrion Developer Kits!

Besides its strength in hardware development, emtrion has also excellent know-how in software development and is able to provide your embedded solution "All from one source".

With a developer kit you can easily start your application development and have a shorter time to market.



DIMM-AM335x as CPU-Module or Single Board Computer

	DIMM-AM3352	DIMM-AM3354	SBC
			
Product	DIMM-AM3352	DIMM-AM3354	DIMM-AM335x-SBC
Windows	WEC 7.0		
Linux	Linux 3.2		
QNX	QNX 6.5		
Android	4.0 (ICS) on request		
CPU	Texas Instruments		
	AM3352 (ARM Cortex-A8)	AM3354 (ARM Cortex-A8)	AM335x (ARM Cortex-A8)
	600 MHz	720 MHz – 800 MHz	600 MHz – 800 MHz
	1200 MIPS	1440 – 1600 MIPS	1200 – 1600 MIPS
Co-Processor	ARM NEON		
Multimedia	-	openVG 1.0, OpenGL ES 1.1 & 2.0, OpenMax, Direct3D Mobile	openVG 1.0, OpenGL ES 1.1 & 2.0, OpenMax, Direct3D Mobile
Flash	up to 8 GByte NAND-Flash (SLC) (managed by memory controller)		
RAM	up to 512 MB DDR3-SDRAM		
Ethernet	100BASE-TX		
UART: RS232/LVTTL/IrDA	1 / 3 / 0		
USB Host	2.0 high speed		
USB Device	2.0 high speed (OTG)		
Digital Audio	-		
Analog Audio	SSI Interface		Headphone output
LCD interface	up to WXGA, up to 24 bpp		
Video in / Camera	-		
Video out	-		
CAN	2 x 2.0 A/B		
I2C	1		
SPI	1		
Digital GPIO	10		29
Analog Inputs	4		1
MMC/SDC	2 x MMC / SDC (SDIO)		1 x microSD
Touch interface	4-wire resistive optional capacitive		
RTC (buffered by external battery)	yes		1x battery holder with CR1632
Size in mm	67.6 x 45 x 10		125 x 100
max. power consumption	3.3V @ 350 mA		
Operating temperature	0...+70°C, optional -40...+85°C		0...+70°C, optional -25...+85°C
Interface to carrier board	I/O via SODIMM connector (200 pos., 2.5V keying)		
Carrier boards available	yes		-
Developer kits available		yes	
Custom specific solutions		yes	

Subject to change without notice.
Rev4: 06/2015