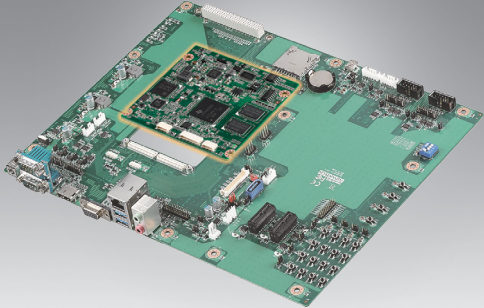


ROM-3310 Evaluation Kit

Development Kit for RTX 2.0 CPU Module ROM-3310

NEW



Features

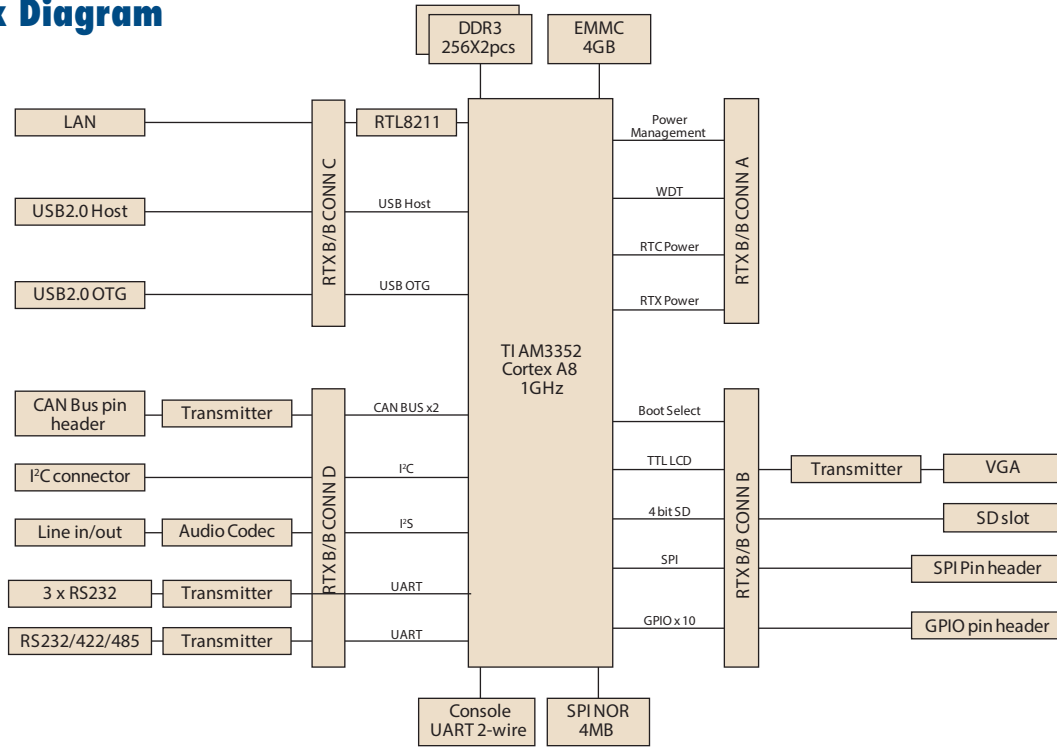
- Evaluation kit for ROM-3310
- Lower power TI sitara AM3352 1GHz processor
- On board DDR3 512MB memory / 4GB Flash
- HW WDT for system protection
- Supports 1 GbE, 1 USB 2.0, 1 USB 2.0 OTG, 2 CANbus, 10 GPIO, 4 UART, 1 I²C, 1 I²S, 1 SPI, 1 SDIO
- Cable pack & Panel included
- Evaluative image & test utilities built-in



Specifications

Form Factor		RTX 2.0 ROM-3310 Evaluation Kit
Processor System	CPU	TI Sitara Cortex A8 AM3352 1Ghz
Memory	Technology	DDR3 on board 800MHz
	Capacity	512MB
	Flash	4GB EMMC NAND Flash for O.S & 4MB SPI NOR Flash for ADV Loader
Graphics	Parallel RGB	24bit TTL to VGA
	Chipset	TI AM3352 Integrated RGMII
Ethernet	Speed	1 x 10/100/1000 Mbps
	RTC	Yes
WatchDog Timer		MSP430G2202 (time out : 0.1-6553.5s, power on/off 4s)
I/O	USB	1 x USB 2.0 Host, 1 x USB 2.0 OTG
	Audio	1 x Min in, 1 x Line out
	SDIO	1 x SD card slot
	Serial Port	1 x RS232/422/485 w/ 4wire; 3 x RS232 w/ 2wire
	SPI	1
	CAN	2 x CAN bus 2.0B
	GPIO	10
	I ² C	1
Power	Power Supply Voltage	19V DC Jack
	Power Consumption	2.11W (Max)
Environment	Operational Temperature	0 - 60 °C (32 - 140 °F)
	Operating Humidity	0% - 90% relative humidity, non-condensing
Mechanical	Dimensions (W x D)	305 x 244 mm (12" x 9.6")
Operating System		Linux Kernel v3.2.0
Certifications		CE/FCC Class B

Block Diagram



Ordering Information

Part Number	Description
ROM-DK3310-F0A1E	ROM-3310 Evaluation Kit

Option Accessories

Part Number	Description
170203183C	Power Code 3P Europe 183cm
170203180A	Power code 3P UK 183cm

Packing List

Part No.	Description	Quantity
9696M39000E	RTX 2.0 Carrier board ROM-DB3900	1
9696M33100E	RTX 2.0 CPU module TI AM3352 Cortex A8 with 512MB memory	1
9696ED2000E	Debug adapter board	1
1700001524	Power cord 3P UL 10A 125V 180cm	1
1700006911	USB OTG to Type A male cable	1
1700019077-01	USB OTG to Type A female cable	1
1700022373-01	Debug port cable for ROM-3420/5420/3310	1
1700019474	A Cable D-SUB 9P for RS232/RS485	1
96PSA-A65W19V1-1	Adapter 100-240V 65W 19V 3.42A w/o P 9NA0651217	1
9696MEG520E	Audio codec board	1
SQF-ISDS1-4G-82C	SQF SDHC C10 SLC 4G 1CH 0 - 70 °C	1