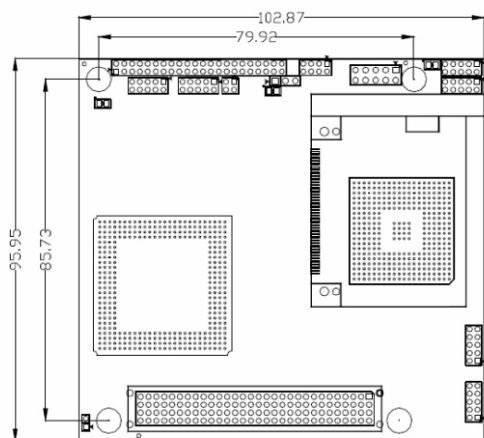
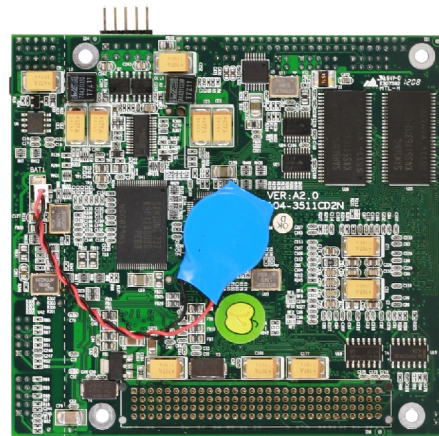
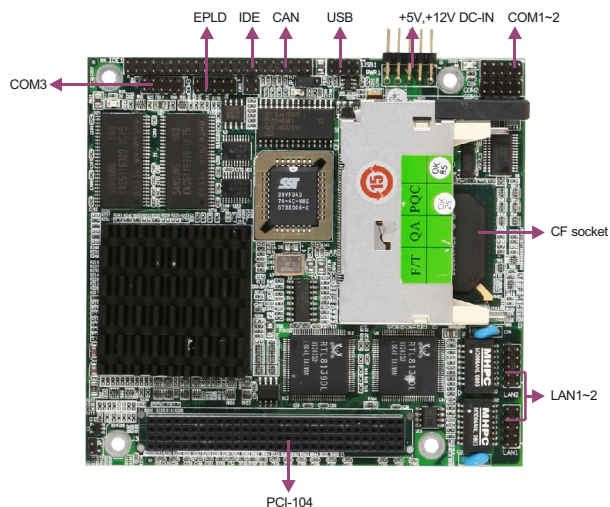


# 104-3511CD2N

PC/104 SBC with CPU/Memory/SSD/LAN



## Features

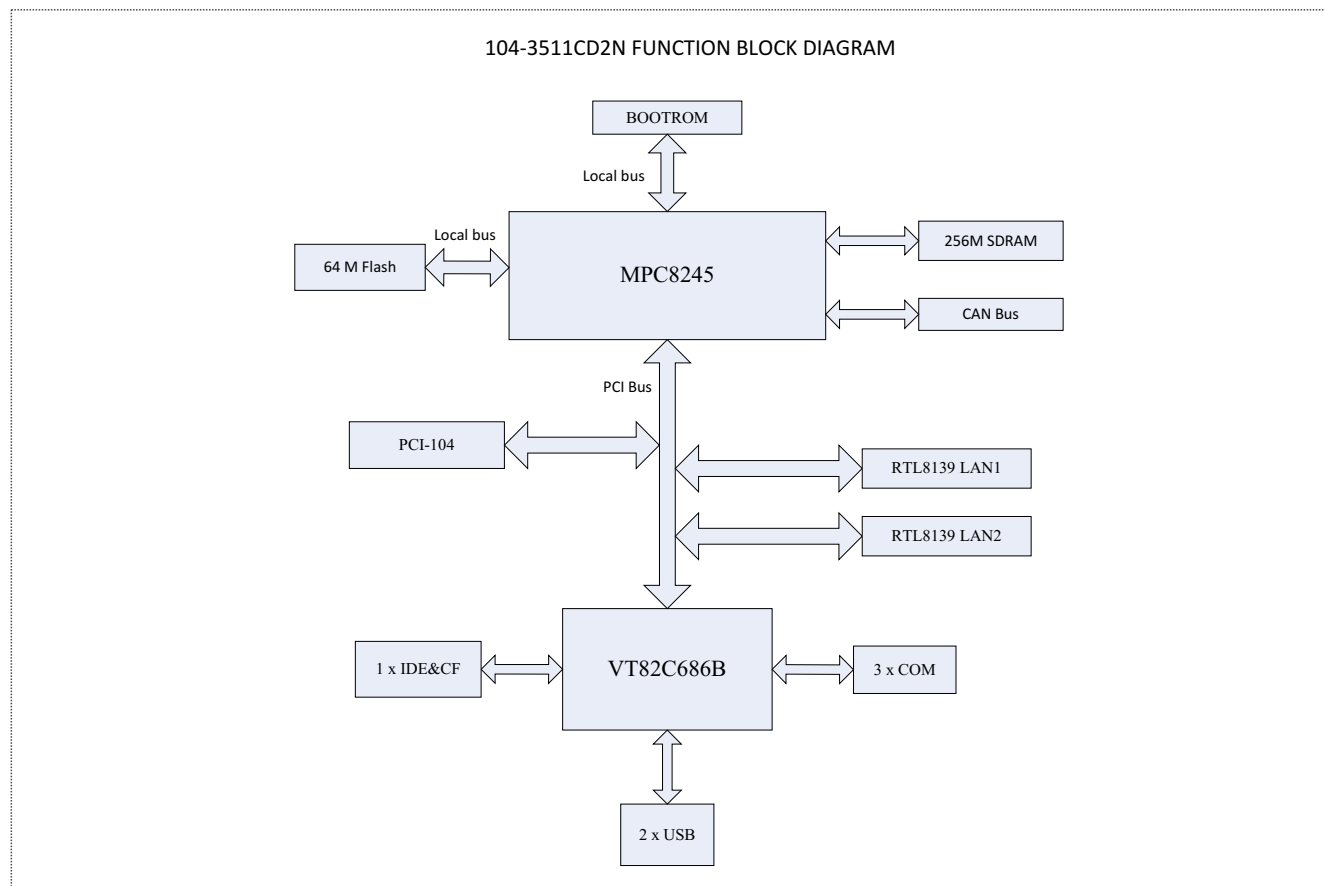
- Onboard MOTOROLA MPC8245 350MHz processor
- Onboard 256MB system memory, 64MB Flash ROM
- Two 10/100Mbps Ethernet controllers
- One PCI-104 connector, one CAN bus connector
- Three serial ports, two USB1.0 ports
- +5V, +12V power supply

## Specifications

System	
Processor	Onboard MOTOROLA MPC8245 350MHz processor
Chipset	VIA VT82C686B
Memory	Onboard 256MB system memory
Watchdog Timer	Software programmable supports 1~255 sec./min. System reset/interrupt
Expansion Interface	
One PCI-104 connector can expand up to three PCI slots through expansion cards, one CAN bus connector	
Storage	
IDE	1 x 44-pin IDE port
CF	1 x CompactFlash socket, mobile storage device in IDE mode, satisfying more expansion requirements
Flash Storage	Onboard 64MB Flash ROM
I/O Interface	
USB	One 2 x 4 pin USB1.0 connector, supporting two USB devices
Serial Port	3 x serial port, COM2 supports RS-485
Debug Port	1 x EPLD
CAN	1 x CAN

Ethernet	
Chipset	2 x RTL8139D Ethernet controller
Speed	10/100Mbps
Connector	Connects to Internet through specific transfer cable
Mechanical and Environmental	
Dimensions	102.87mm x 95.95mm
Operating Temperature	-40°C~85°C
Storage Temperature	-40°C~105°C
Operating Humidity	5%-90%,non-condensing
Power	
Power Supply	+5V, +12V power supply
Power Consumption	Typical 4.6W
Operating System	
Embedded OS	Vxworks/Linux

## Board Diagram



## Available Accessories

Part Number	Name	Description	Qty.
0090-000200	LED panel	P10-RJ45LED	2
2330-000011	Jumper/RoHS	2.0mm pitch	2
2360-008781	HDD cable/RoHS	40 Pin to 44 Pin (2.0mm pitch), length: 550mm/RoHS	1
2360-011231	Serial port cable/RoHS	DB9 connector to 2x5 Pin connector (2.0mm pitch), length: 300mm/RoHS	2
2360-012651	Power cable/RoHS	One male power 4 Pin (5.08mm pitch) connector to 2x5 Pin, length: 250mm/RoHS	1
2360-012771	Serial port cable/RoHS	2x5 Pin (2.0mm pitch) to 2x5 Pin (2.0mm) connector, length: 300mm	2
2360-015341	CAN cable/RoHS	DB9 connector to 4 Pin (2x2) connector (2.0mm pitch), length: 300mm/RoHS	1
—	User's Manual/RoHS	104-3511CD2N	1
—	Operating System CD	104-3511CD2N/LINUX trial version	1

## Ordering Information

Part Number	Model Number	Description
0030-001120	104-3511CD2N/LINUX	Motherboard/LINUX
0030-004580	104-3511CD2N/LINUX/Conformal coating	Motherboard/LINUX/Conformal coating
0030-010581	104-3511CD2N/TC/Conformal coating	Motherboard/RoHS/TC/Conformal coating
0030-011730	104-3511CD2N/VXWORKS	Motherboard/VXWORKS