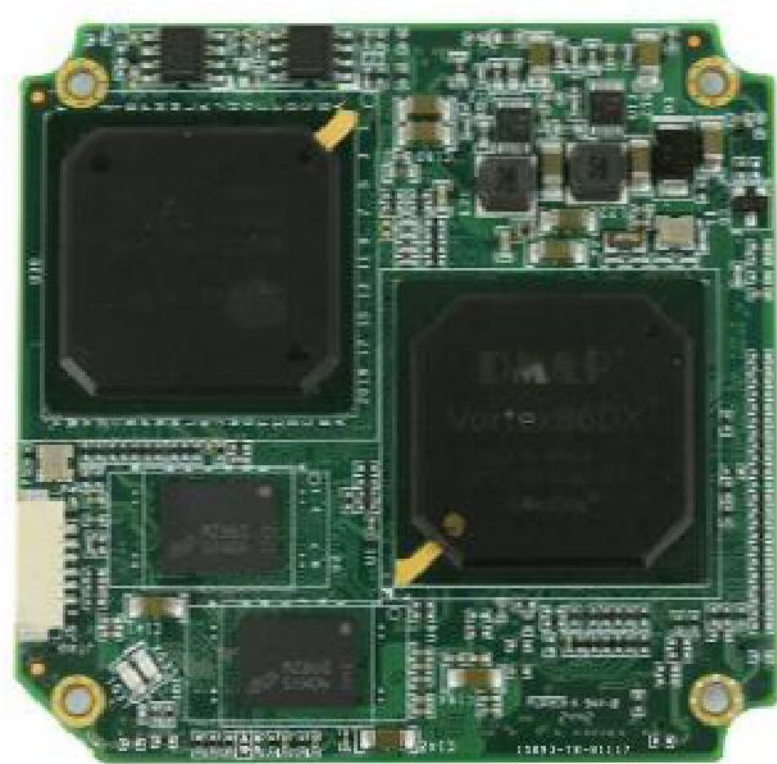


SOM304RD-10S



Specifications

CPU	DM&P SoC CPU Vortex86DX – 800MHz		
RAM	256MB DDR2 Onboard		
Display	SM712 Chipset VGA: Maximum resolution up to 1280x1024		
LAN	Integrated 10/100Mbps Ethernet x1		
Disk Support	Onboard 4MB SPI Flash Disk (Optional)	Onboard SST Flash Disk 1GB	
I/O Interface	Enhanced IDE port (UltraDMA-100/66/33) x1	RS232 port x10(TX/RX x7)	USB port x4
	Parallel port x1	24-bit GPIO	PWM x3
	Keyboard/Mouse	SPI x1 /CAN x2	
Power Requirement	Single Voltage +5V @600mA (Typical)		
Operating Temperature	-20°C to +70°C		
Dimension	70 x 70 x 10.5mm (Without cover)		
Weight	25g		
O/S Support	Free DOS, DOS 6.22, PCDOS 7.1, DR-DOS, x-DOS, OS/2, Windows Embedded CE6.0, Windows XP Embedded, Embedded Linux, QNX, VxWorks, and FreeBSD		

Ordering information

Part Number	Product description
SOM304RD-10S	Vortex86DX 304-pin CPU Module with 256MB DDR

Block Diagram

