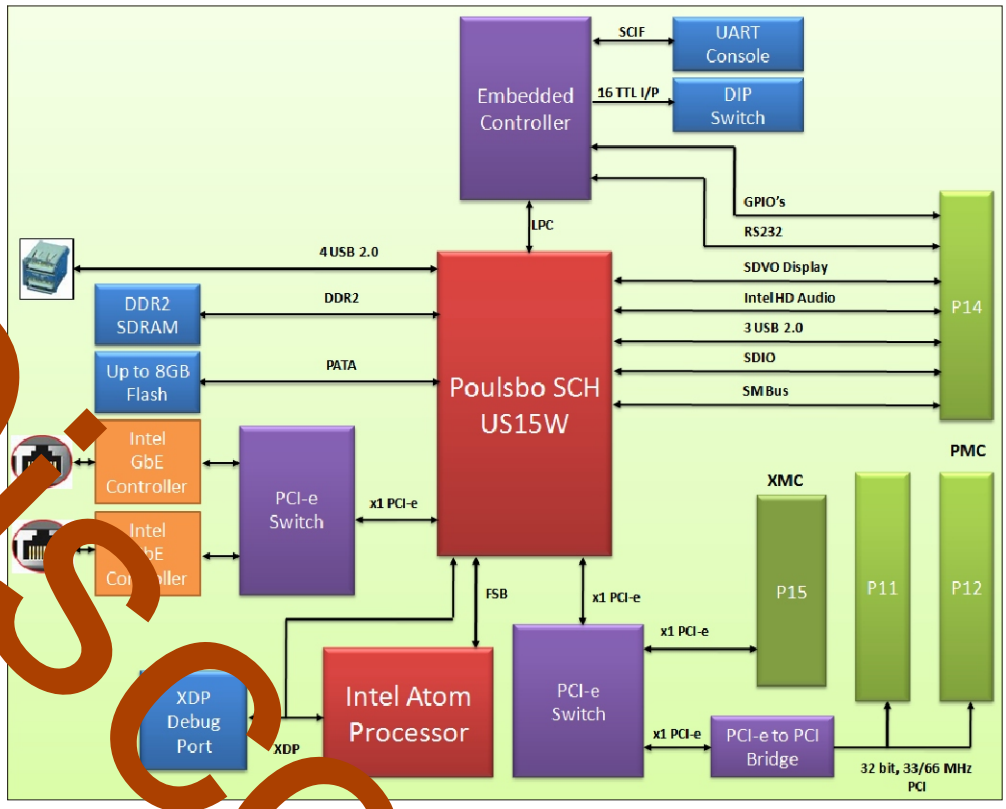
iWave's Atom based XMC module



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Processor	Intel Atom e-Menlow Processor 1.1/1.6 Ghz
System Controller	Intel SCH US15W
RAM	1GB of DDR2-SDRAM
Flash Drive	Up to 8GB NAND flash (128MB to 8GB)
Front Panel	◆ Two Gigabit Ethernet Ports ◆ Four USB 2.0 Ports
Debug Port	XDP debug port
DIP Switch	16 TTL input signals
XMC Interface	x1 PCI-e Lane Port
PMC Interface	32-Bit, 33/66 MHz PCI bus
PMC P14 IO Interface	◆ SDVO Display Port Interface ◆ Intel HD Audio Interface ◆ 3 USB 2.0 High-speed ports ◆ SD Interface ◆ SM Bus Interface ◆ RS232 Interface ◆ 10 GPIO's signals
OS & Software Support	◆ Linux OS drivers (Ubuntu, Fedora7) ◆ Windows XP drivers ◆ Windows XP embedded drivers ◆ WES 2009
BIOS support	AMI BIOS
Physical Characteristics	◆ Conduction-cooled PMC form factor ◆ 149mm x 79mm dimension
Power Input	5V, 2A From XMC carrier board or standalone
Power consumption	Typically 7W

For further details, contact mktg@iwavesystems.com