



(original size)

Ethernet Daughter Board for

TMS320C6416 DSK
TMS320C6711 DSK
TMS320VC5510 DSK

- Dual Speed 10/100 MBit/s Ethernet Media Access Controller
- Fully integrated IEEE 802.3/802.3u 100Base-TX/ 10Base-T physical layer
- Auto negotiation: 10/100 , Full/ Half duplex
- Optimized TCP/IP Protocol Stack, does not require a RTOS, but can run as a DSP/BIOS task
- Supported protocols:
ARP, UDP, TCP, ICMP, DHCP, DNS
- Glueless Connection to Texas Instruments and SpectrumDigital DSK Boards

The DSK91C111 is a Networking Peripheral Daughter Module for the C6000 and C5000 series DSK boards from Texas Instruments. It extends your DSP system with an industry standard 100Base TX /10Base-T Ethernet interface for distributed control applications, networking, web-based remote configuration and maintenance, and high speed data link for Video, Multimedia and Telecommunication Systems.

A TCP/IP software protocol stack is available, which has been carefully optimized for the special memory and real-time constraints of DSP systems. No underlying real-time operating system is required to integrate the TCP/IP protocol into your DSP system, however, the TCP/IP stack will also run on DSP/BIOS.

The DSK.91C111 includes a single-user development license for the TCP/IP software library. OEM licenses are available too.

SPECIFICATIONS

Supply Voltage	3.3 V (from DSK Board)
Operating Temperature	0 .. +70°C
Size	86,2 x 80,0 x 27 mm

ORDERING INFORMATION

DS.DSK91C111	Ethernet Daughter Module, Development Support Base Package including TCP/IP object code library, sample programs, documentation, and single-user license
DSK91C111	Ethernet Daughter Module Board only
OL.DSK.91C111	unlimited TCP/IP software license for OEM