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Company Description



Micro Digital is a leading supplier of RTOS operating systems, USB, TCP/IP, and File Systems for embedded system developers around the world. Our flagship product SMX is a royalty free, robust RTOS designed for embedded systems. SMX is characterized by a small footprint, high performance, ease of use, and integration with popular development tool suites. Supporting the most popular processor families as an-out-of-the-box solution, SMX can be ported to processors not currently supported and we are adding support for new processor families all the time. Please visit our website for the most current list of supported processors at:

<http://www.smxrtos.com/processors/index.html>

For more information, please contact Micro Digital at sales@smxrtos.com or visit us at www.smxrtos.com or call 800.366.2491

Products and Services

smxUSB Host Stack (smxUSBH) permits easy connection of USB devices to embedded systems. It is intended for applications that require the connection of USB devices, such as USB audio devices, USB mass storage devices, USB printers, USB modems, and USB Wi-Fi adapters. The smxUSBH USB host stack provides a hot-swappable, plug-and-play USB interface for any embedded system. Specifically for Conexant we have created a full duplex, uncompressed Audio Class Driver to interface to their latest SOC, CX20562.

This USB host stack has been optimized for use with the Micro Digital's SMX[®] RTOS, our proprietary embedded operating system, but can be run stand-alone mode also. smxUSBH interfaces with different hardware configurations via its host hardware control layer. Its modular design, ANSI-C compatibility, and full source code give customers the flexibility to easily port smxUSBH into their applications.