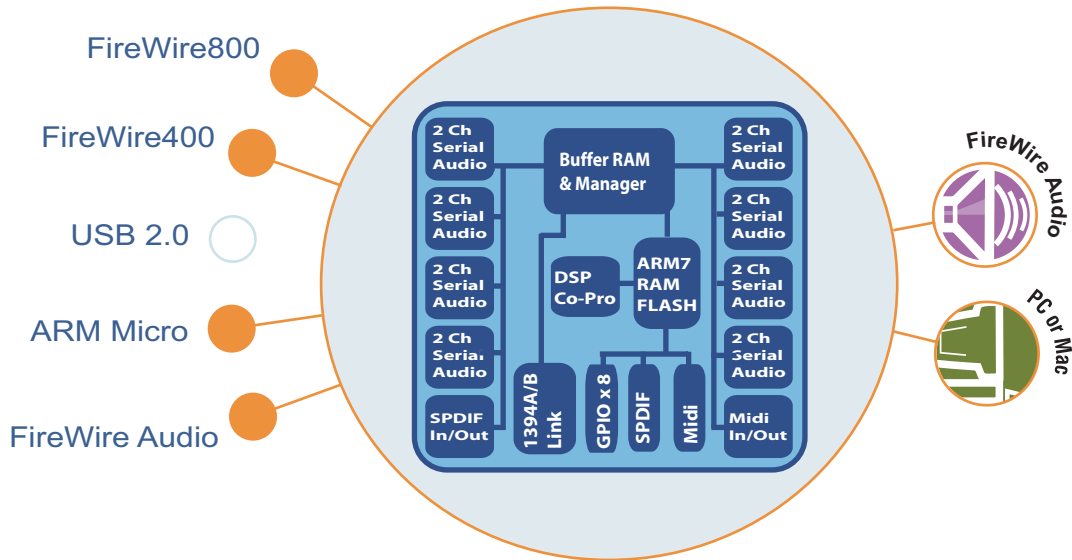


OXFW971

16 Channel Streaming Audio Firewire I/O Controller with Midi and S/PDIF



The Oxford 971 is a 16 channel In/Out, 24 bit, 192kHz, Midi and S/PDIF FireWire800/400 to Audio bridge. It is designed to meet the needs of the next generation quality multi-channel audio systems. Typical applications for Apple Mac[®] & PCs include FireWire surround speakers, external audio cards and I/O units for GarageBand[™]. The integral power supply of Firewire allows speaker systems to be created without additional external power supplies. Its plug & play nature means that there is no longer a need to install internal sound cards, opening the way for superior sound systems on laptops and providing a simple route for sound upgrades.

Key features

8 serial audio ports providing 16 channels configurable as input or output

24bit with up to 192kHz sampling

Midi and S/PDIF input and output

FireWire400/FireWire800 (IEEE1394A/B)

Supports AM824 audio format as specified in IEC61883-6

ARM7TDMI with Integral Flash and RAM

Easy Firmware upgrade over FireWire

SDK available allowing software customisation

Low jitter audio master clock recovery with PLL expansion for super Hi-Fi applications

3V3 I/O, 1V8 Core

100 pin TQFP package

Connectivity for consumer electronics

www.oxsemi.com