



## Press Release

### Wolfson licenses Oxford Digital's *TinyCore* DSP

**Edinburgh, UK, 5 January 2011** – Wolfson Microelectronics plc, a global leader in the design and development of mixed-signal semiconductors and Audio Hubs that combine to deliver High Definition Audio solutions, has today announced a licence agreement with audio processing specialist Oxford Digital Limited to use its digital signal processor (DSP) core in a selection of Wolfson's industry-leading Audio Hub products.

Oxford Digital's *TinyCore* DSP core delivers a low-power, low gate count, highly configurable solution which simplifies the software development process, allowing easy porting of audio function algorithms thereby reducing the time-to-market for customers.

Wolfson's architecture-defining Audio Hubs blend together many of Wolfson's successful audio components to deliver world-class audio performance, significantly enhanced battery life, longer music playback time and more end user features at a lower total cost. Crucially, Wolfson's Audio Hubs enable system designers to optimally manage increasingly complex multiple use cases in portable multimedia applications including smartphones, tablet computers, e-book readers, navigation devices and media players.

Eddie Sinnott, Portfolio Director at Wolfson Microelectronics, said, "We selected Oxford Digital's *TinyCore* DSP due to its efficiency at executing certain key High Definition Audio algorithms, which our customers tell us provide them with a differentiator in their market place. Our choice was helped by the ease of its software porting process, excellent power efficiency, scalability and rapid time-to-market, all of which complement our architecture."

John Richards, CEO of Oxford Digital, said, "Wolfson is a leader in high-quality and low-power mixed-signal audio and we are excited to be working with them on integrating our IP into their products. Our *TinyCore* audio DSP will enable Wolfson to

respond very rapidly to customer requirements and minimise future embedded software maintenance costs due to the structure of our tools.”

### ***About Wolfson Microelectronics plc***

Wolfson Microelectronics is a global leader in the supply of high performance, mixed-signal semiconductor solutions to the consumer electronics market. In the home, in the office and on the move, Wolfson’s innovative technology can be found at the heart of many of the world’s leading digital consumer goods, including premier hi-fi equipment, mobile phones, MP3 players, flat panel TVs, digital still cameras and portable navigation devices.

Wolfson is committed to the design and supply of ground-breaking audio products, including its architecture-defining audio hub solutions, silicon micro-electro-mechanical system (MEMS) microphones, power management IC’s and noise cancellation solutions, all of which come together to allow Wolfson to deliver industry-leading HD audio to consumer electronics applications. This rich portfolio allows Wolfson’s global customers to better differentiate their digital consumer products and create whole new end-user experiences.

Wolfson Microelectronics plc is listed on the London stock exchange (LSE: WLF.L).

For more information about Wolfson Microelectronics, please visit:

<http://www.wolfsonmicro.com>

### ***About Oxford Digital Limited***

***Oxford Digital Limited*** span out of Sony Corporation’s Pro-Audio Lab, Oxford in July 2006. Since then it has established itself as an innovative technology company providing IP solutions to major international organisations. Oxford Digital specialises in digital audio signal processing for the mobile and consumer equipment and Pro-Audio markets.

Amongst the items in its technology portfolio is a complete end-to-end solution for audio processing for semiconductor manufacturers. This solution includes an extremely compact audio DSP core, a rapid programming and development environment (or direct implementation of fully optimised embedded code from

MatLab Simulink simulations), audio effects and back-end tuning tools that allow rapid optimisation of the sonic performance of Consumer Electronics equipment.

For more information about Oxford Digital Limited, please visit:

[www.oxford-digital.com](http://www.oxford-digital.com).

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