

For immediate release

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Sphere Medical Holding Limited
(‘Sphere Medical’, ‘Sphere’ or ‘the Company’)

**Sphere Medical Selects AMI Semiconductor for Design and
Fabrication of State-of-the-Art Sensor Interface ASIC**

Sphere Medical Holding Limited, the Cambridge, UK, based medical microtech company, is pleased to announce that it has selected AMI Semiconductor (NASDAQ: AMIS) to design and manufacture an Application Specific Integrated Circuit (ASIC), a key component in its critical care monitoring technology. AMIS has a significant track record in medical mixed-signal ASIC technology and of manufacturing high reliability products; their design and fabrication expertise will ensure Sphere’s latest innovation swiftly goes into production.

Sphere is developing micro-analysers, based on proprietary microsensor technology originally acquired from Siemens, which can measure simultaneously numerous important clinical parameters. The disposable micro-analyser platform can be applied to numerous clinical needs at very cost effective price points. The initial commercial application of the micro-analyser will be the real time measurement of glucose, blood gases and electrolytes in a number of clinical application areas.

Real time monitoring of drugs, physiological parameters, and disease markers has the potential to facilitate titration and, ultimately, closed loop control of a broad variety of therapies. Sphere is working with a number of the world’s leading clinicians in the USA and Europe to realise this goal.

Dr. Stuart Hendry, Sphere Medical’s CEO, said: “Sphere is dedicated to delivering the next generation of intensive care monitoring products and partnering with world-leading companies such as AMI Semiconductor is a key part of the strategy for achieving our goal.”

Todd Schneider, vice president of the medical group at AMIS, said: “Sphere’s monitoring technology has the potential to enable dramatic improvement in the quality of critical care medicine. We are excited to partner with Sphere to commercialise this innovative technology for the benefit of high acuity patients.”

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About Sphere Medical

Sphere Medical Limited is developing highly innovative monitoring products to provide clinical and economic benefits in the critical care environment, based on the company's proprietary technology. The products allow minimally invasive, real time measurement of clinical chemistry parameters and therapeutic drug concentrations, giving healthcare professionals the information they require to more effectively manage therapy and optimise patient outcomes. Sphere Medical is a private company, founded in 2002 and based in Cambridge, UK. For further information please see www.spheremedical.com

About AMI Semiconductor

AMI Semiconductor (AMIS) is a leader in the design and manufacture of silicon solutions for the real world. As a widely recognised innovator in state-of-the-art integrated mixed-signal products and structured digital products, AMIS is committed to providing customers with the optimal value, quickest time-to-market semiconductor solutions. Offering unparalleled manufacturing flexibility and dedication to customer service, AMI Semiconductor operates globally with headquarters in Pocatello, Idaho, European corporate offices in Oudenaarde, Belgium, and a network of sales and design centres located in the key markets of the North America, Europe and the Asia Pacific region. AMI Semiconductor serves the medical device market through a dedicated medical and wireless product line group headquartered in Waterloo, Ontario. For more information, please visit www.amis.com/applications/medical.