



Link Research teams with XJTAG developer and RF specialist Briton EMS to speed wireless camera system manufacture

“Link Research, an award winning developer of wireless camera systems, has partnered with Briton EMS, a UK contract electronics manufacture with RF capability and boundary scan test expertise (the company is an approved XJTAG EMS Developer), to speed manufacture of its market-leading range of wireless camera systems, which includes the Link HD and L1500 SD/HD wireless camera transmitters.”

Link Research has a reputation for technical innovation and its range of Standard Definition (SD) and High Definition (HD) wireless camera systems are used by major broadcasters throughout the world. For example, Link’s HD wireless camera systems were used at every major venue at the Beijing Olympics, from the fantastic Bird’s Nest Stadium to the Water Cube aquatics centre, to help bring the spectacle to a worldwide audience.

Link Research is part of the Visilink group and has won many awards for its wireless camera technology which uses DVB-T combined with Link’s own LMS-T modulation to enhance the performance of wireless cameras in all kinds of operating conditions and environments. Link’s wireless camera systems are at the cutting edge of wireless camera technology and utilise the company’s own video compression and encoding technology.

To maintain its market leading position, Link Research decided early on to partner with Briton EMS, an experienced electronics manufacturing services (EMS) provider, to enable it to focus its resources on the all-important research and product development activity. One third of Link’s staff are dedicated to developing new products and technologies and the company has a highly talented team of RF (radio frequency) design engineers. The company’s R&D centre is located in Watford,

England and it also has offices in Dubai and Singapore.

“We needed a strategic EMS partner that had experience with manufacturing high-end and complex RF products and that was willing to invest in the skills and equipment to support our evolving product plans,” said John Mulcahy, managing director, Link Research. “We also wanted a local supplier that

was prepared to work hard alongside our own RF engineers to offer test solutions and manufacturing expertise and to ensure that we continued to improve on product quality, reliability and time to market.”

Bedford-based Briton EMS works in partnership with original equipment manufacturers (OEMs) across different markets including broadcasting, industrial, instrumentation, medical and telecoms. With 22,000 square feet of factory space, the company offers a broad range of services from printed circuit assembly through to complete product build, providing surface mount as well as conventional through-hole assembly.

The company specialises in low and medium volume, high-mix

production and also offers electronic and mechanical design services (hardware and software), prototyping, new product introductions (NPI), fulfilment and after-market services.

“We started working with Briton EMS back in 2001 because they had a track record in the broadcast market and offered the full range of product lifecycle services including prototyping, design for manufacture and test, material procurement, PCB and system assembly,” added Richard Lincoln, chief engineer, Link Research. “Also, they were prepared right from the outset to build up their own internal RF test capability to further support our RF design team and to speed up the whole NPI process.”

Tony Abri, commercial director at

opinion

John Mulcahy
managing director
Link Research

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Data Bank	
Company	Link Research (part of the Visilink group)
Nature of business	Wireless camera system manufacturer
Main products	Link’s L1500 wireless camera transmitter works in Standard Definition and High Definition
Customers	Major broadcasters throughout the world
Locations	Locations in Watford (England), Singapore and Dubai (UAE)
Revenues	£15m
Web site	www.linkres.co.uk