Radiography systems innovator boosts productivity with XJTAG boundary scan

“Radiography technology innovator Arcoma has manufacturing partner Kitron test all the boards for its medical X-ray systems using XJTAG, before the boards leave the factory. This gives the assurance that each board received is tested and known to function correctly, before final system assembly begins, thereby helping Arcoma maximise productivity.”

Arcoma AB of Växjö, Sweden, develops technically advanced Digital Radiography (DR) systems and subsystems for world-famous medical technology companies, and also markets its state-of-the-art Arcoma-IMIX range addressing a broad array of clinical needs at multiple price points.

Although XJTAG was chosen primarily to test connections to BGA devices, Jan Martens adds that XJTAG offers extensive and easy-to-use features at an extremely competitive price. Triacon, embedded design consultant and Scandinavia representative for XJTAG, helped Arcoma and Kitron ensure the system would meet their requirements.

“XJTAG’s role in ensuring complete confidence in every board delivered helps Arcoma to maintain a consistently high level of productivity at its Växjö site, avoiding delays and the relatively high costs that can be incurred if board problems have to be solved at a late stage during assembly of the system.

XJTAG’s ease of use and ability to test connections quickly, including those under BGA devices, has delivered a valuable boost to test coverage, ultimately helping us maximise production efficiency and quality,” concludes Jan Martens.