



# ***JJS Electronics continues investment commitment with additional flying probe test facility***

JJS Electronics has continued its investment programme with the acquisition of additional test facilities. The latest addition is a Takaya APT-9411 flying probe system. Ideal for a wide range of applications, this flexible, fixtureless, test technique is an important part of the EMS provider's offering as it continues to attract a number of high-reliability and safety critical projects.

These projects require high levels of confidence in the end product and as such, flying probe is a useful test technique for whole batches, samples, field returns or functional test failures. Additional flying probe capacity enables the JJS team to test low to medium volume, high complexity products where the cost of developing functional test is prohibitive or where fault finding would be difficult. The flexible technique is also ideal for instances where an ICT fixture is too expensive or there is no access to the PCB. The flying probe can now be quickly deployed to root out manufacturing defects before they become critical.

Commenting on the company's additional flying probe capacity, JJS Electronics Head of Engineering, Russell Poppe, explains: "Here at JJS, we offer a versatile and diverse approach to test and diagnostics, incorporating flying probe alongside automated optical inspection, ICT and functional test. We're seeing an increased level of demand for flying probe, which I attribute to a number of factors, not least, a higher volume of complex customer applications. Customers come to us because they know

our manufacturing and test expertise will deliver a high level of confidence in the final product, as well as a faster time to market. As such, we've invested heavily in expanding our flying probe facilities to offer a truly robust method of detecting and eliminating manufacturing defects. Part of our ongoing business investment programme, it's a move that has already paid off for our customers."

Complementing boundary scan testing on complex digital boards, JJS' expanded flying test capabilities present numerous benefits including incorporating test into the quality feedback loop and allowing rework to be conducted quickly before re-testing. After an extensive evaluation period, JJS engineers selected the market-leading Takaya APT-9411 on the basis of its exceptional reliability, test speed, accuracy and ease of programming. Other drivers included the fact that programming complements the Siemens PLM EM Test Expert software in which JJS already has extensive experience. The company's Aster TPQR software also ties in with Test Expert, boosting programme optimisation and providing comprehensive coverage reports to further drive process transparency and customer confidence.

**-ENDS-**

**About JJS Electronics Ltd.**

JJS Electronics Ltd. is a UK-based EMS company with facilities in Lutterworth, England and Chomutov, Czech Republic. With an established record of providing reliable and cost-effective electronics, electrical and mechanical contract manufacturing services, JJS delivers a full range of EMS services including design for test, design for manufacturing, PCB assembly, mechanical assembly and system assembly. The company's comprehensive EMS portfolio is supported by robust material procurement, inventory management, component engineering and test services. Serving a wide range of industries, the company has a strong presence in market sectors including communications, industrial controls, IT, medical and scientific instrumentation.

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