



Universal Synaptics
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NEWS RELEASE
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Universal Synaptics Establishes Intermittent Fault Detection™ (IFD™) Interface Test Adapter (ITA) Certification Program

*Global diagnostic leader takes another significant step forward to reduce
No Fault Found (NFF) test results*

Roy, Utah. March 10, 2020 — Universal Synaptics announced today an Intermittent Fault Detection (IFD) Interface Test Adapter (ITA) Manufacturing Certification Program to ensure that interface cable sets that connect Universal Synaptics' patented Intermittent Fault Detection technology to any Unit Under Test (UUT) are intermittent fault free.

Universal Synaptics extensive experience detecting and isolating intermittent faults in military weapon systems, commercial aircraft, and various other electronic systems has exposed another major issue in the test and diagnostic community. Over the last decade the IFD has detected and isolated intermittent faults in new manufactured interface cables and aged interface cables alike. Through an IFD patch cable it has been discovered that nearly as many intermittent faults exist in the interface cables used to test electrical system wiring as in the actual systems wiring. These undetected and unrepaired intermittent wiring faults in the interface cable sets used by conventional testers to test commercial aircraft or military weapon systems render virtually all wiring test results as erroneous.

"We are in the intermittent fault detection / No Fault Found remediation business and will not deploy our capability with an interface cable that has not been manufactured and certified "intermittent free" by a certified ITA production facility", said Ken Anderson, President & CEO, Universal Synaptics. "Guaranteeing the interface cables are intermittent free provides our IFD, IFDIS, and IFDIS 2.0 operators with confidence in the cable set allowing them to focus on the troubleshooting of the UUT instead of faulty interface cables."

Only certified manufacturing facilities will be selected for the portable Intermittent Fault Detector™ (IFD™), Intermittent Fault Detection & Isolation System™ (IFDIS™) and Intermittent Fault Detection & Isolation System 2.0™ (IFDIS 2.0™). ITA production and delivery to Universal Synaptics customers will be monitored and approved by Universal Synaptics. The certification and selection process confirm the highest quality and testing standards in delivering intermittent free ITAs to complement Universal Synaptics patented technology.

For program information and certification requirements please contact Jon Lee, Chief Operating Officer, Universal Synaptics via phone or email:

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About Universal Synaptics

Universal Synaptics Corporation is the global leader in detecting and isolating elusive intermittent faults. For more than 25 years the privately-owned company has focused on solving complex diagnostic and testing problems. The company's research into the primary root causes of intermittent / No Fault Found (NFF) problems and the massive digital testing void that exists today with conventional test equipment, led to the development of the patented Intermittent Fault Detector™ (IFD™), hardware neural network and all-lines-all-the-time wiring / circuit analyzer test solutions.

Universal Synaptics was voted the Department of Defense Maintenance Symposium "Great Ideas" Competition Winner in 2010 and 2012 and has been recognized on the Mountain West Capital Network Utah 100 list of fastest growing companies in Utah five times, and a "Fast 50" growing company by Utah Business Magazine. Universal Synaptics also secured a spot on the Inc 5000 list of "Fastest Growing Private Companies in the United States" ranking 218 out of 5000 companies.

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