



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Global ETS, LLC**  
2631 Success Drive  
Odessa, FL 33556  
(and the satellite locations as listed on the scope)

Fulfills the requirements of

**ISO/IEC 17025:2017**

and

**AS6171 Detection of Suspect/Counterfeit Parts Accreditation Program**

In the field of

**TESTING**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 13 July 2026

Certificate Number: AT-2603



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory  
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**Global ETS, LLC**  
 2631 Success Drive  
 Odessa, FL 33556  
 Dan Tang 727 807 7991  
[dan@gets-usa.com](mailto:dan@gets-usa.com)

**TESTING**

Valid to: **July 13, 2026**

Certificate Number: **AT-2603**

In recognition of a successful assessment to ISO/IEC 17025:2017 General Requirements for the competence of Testing and Calibration Laboratories, AS6171 General Requirements, and the requirements of the ANAB SR 2429 – Labs Performing Detection of Suspect/Counterfeit Parts Under AS6171 program, accreditation is granted to **Global ETS, LLC** to perform the following AS6171 slash sheet tests:

**Non-Destructive Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS6081, 4.2.6.4.2.1 AS6171/2 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Amscope 10X-1000X KEYENCE VHX-6000 series 200X-2000X Intelligent-Lab PM-100 Precision Balance
Elemental Content by XRF	AS6081, 4.2.6.4.5 APP C2 AS6171/3 IDEA-STD-1010		UX-220 XRF RMD XRF
Radiographic Examination/ Inspection	AS6081, 4.2.6.4.4 AS6171/5 IDEA-STD-1010		Creative Electron TruView Prime
Scanning Acoustic Microscopy Inspection	AS6081, 4.2.6.3 APP C.6 AS6171/6 IDEA-STD-1010		VUE 250-P NexGen
Scanning Electron Microscope	AS6081, 4.2.6.3 C AS6171/2 IDEA-STD-1010		Hitachi TM4000 Plus

**Non-Destructive Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Energy Dispersive Spectroscopy	AS6081, 4.2.6.4.5 APPC.1 AS6171/3 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Hitachi TM4000 Plus(OXFORD INSTRUMENTS EBSD Detector)
Raman	AS6171/8		NRS-4500-785 Confocal Raman Micro-Spectrometer
FTIR	AS6171/9		JASCO FT/IR-4X FT/IR Spectrometer

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081, 4.2.6.4.3 A AS6171/2 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Mix Solution (CAS Registry Number 9072-35-9)
Solvent Test for Resurfacing/ Scrape	AS6081, 4.2.6.4.3 A AS6171/2 IDEA-STD-1010		Acetone (CAS Registry Number 67-64-1) 1-Methyl 2- Pyrrolidinone (CAS Registry Number: 872-50-4) Dynasolve 750 (or equivalent)
Packaging Configuration and Dimension	AS6081, 4.2.6.4.1 AS6171/2 IDEA-STD-1010		Caliper KEYENCE VHX-7000 series KEYENCE VHX-5000 series KEYENCE VHX-6000 series
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002 IDEA-STD-1010		Solder Pot Polish P553, Reflow Oven Puhui Infrared IC Heater T-962  Steam-ager

**Mechanical**

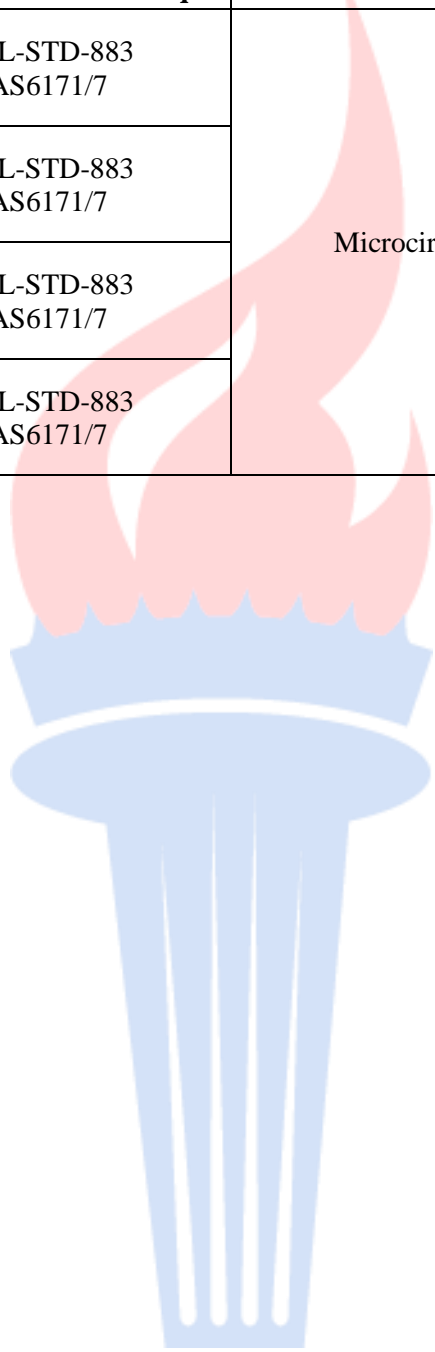
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Decapsulation and Die Verification	AS6081, 4.2.6.4.6 AS6171/4	Electrical, Electronic and Electromechanical (EEE) Components	Paragon

**Electrical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology	
Memory/ Flash/ Programming	Per Customer Specification	Electrical, Electronic and Electromechanical (EEE) Components	BPMicro System Xeltek	
DDR/SRAM	Per Customer Specification		Ramcheck LX Tester Innovention	
Electrical Characteristics Test (300 Class)	MIL-STD-202 Class 300 AS6171/7		LCR/ERS Meter, Multimeter, Curve Tracer, IR Meter	
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		Xeltek 6100 PXI system	
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		DC Power Analyzer N6705C	
Inductor, Capacitor, Resistor (LCR)	MIL-STD-202 AS6171/7		LCR Meter	
Diode, Mosfet, transistor	MIL-STD-750 AS6171/7		Diode, Mosfet, transistor	LORLIN system
AC/DC characteristics testing	MIL-STD-883 AS6171/7		Microcircuits	PXI system
Environmental testing	MIL-STD-883 AS6171/7	Temperature system PXI system		

**Electrical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Burn in testing	MIL-STD-883 AS6171/7	Microcircuits	Temperature system PXI system
Functional Testing	MIL-STD-883 AS6171/7		PXI system
Advanced Pin Correlation Testing	MIL-STD-883 AS6171/7		PXI system
RF testing	MIL-STD-883 AS6171/7		VNA Network analysis



**Satellite Site**

**Global ETS (Malaysia) Sdn. Bhd**

Plot 88F, Lintang Bayan Lepas 10  
 Bayan Lepas Industrial Park  
 11900 Bayan Lepas, Penang  
 Malaysia  
 Dan Tang 727 807 7991  
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**Non-Destructive Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS6081, 4.2.6.4.2.1 AS6171/2 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Amscope 10X-1000X
Elemental Content by XRF	AS6081, 4.2.6.4.5 APP C2 AS6171/3 IDEA-STD-1010		RMD XRF
Radiographic Examination/ Inspection	AS6081, 4.2.6.4.4 AS6171/5 IDEA-STD-1010		Creative Electron TruView Prime
Scanning Acoustic Microscopy Inspection	AS6081, 4.2.6.3 APP C.6 AS6171/6 IDEA-STD-1010		VUE 250-P NexGen
Scanning Electron Microscope	AS6081, 4.2.6.3 C AS6171/2 IDEA-STD-1010		Hitachi TM4000 Plus
Energy Dispersive Spectroscopy	AS6081, 4.2.6.4.5 APPC.1 AS6171/3 IDEA-STD-1010		Hitachi TM4000 Plus(OXFORD INSTRUMENTS EBSD Detector)
FTIR	AS6171/9		JASCO FT/IR-4X FT/IR Spectrometer

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081, 4.2.6.4.3 A AS6171/2 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Mix Solution (CAS Registry Number 9072-35-9)
Solvent Test for Resurfacing/ Scrape	AS6081, 4.2.6.4.3 A AS6171/2 IDEA-STD-1010		Acetone (CAS Registry Number 67-64-1) 1-Methyl 2- Pyrrolidinone (CAS Registry Number: 872-50-4) Dynasolve 750 (or equivalent)
Packaging Configuration and Dimension	AS6081, 4.2.6.4.1 AS6171/2 IDEA-STD-1010		Caliper, Microscope Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002 IDEA-STD-1010		ACE MLTS Solder Pot Polish P553, Reflow Oven Puhui Infrared IC Heater T-962 Steam-ager
Decapsulation and Die Verification	AS6081, 4.2.6.4.6 AS6171/4 IDEA-STD-1010		Paragon Kiln

**Electrical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Memory/ Flash/ Programming	Per Customer Specification	Electrical, Electronic and Electromechanical (EEE) Components	BPMicro System Xeltek
Electrical Characteristics Test (300 Class)	MIL-STD-202 Class 300 AS6171/7		LCR/ERS Meter, Multimeter, Curve Tracer, IR Meter
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		Xeltek 6100



**ANSI National Accreditation Board**

**Electrical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	DC Power Analyzer DP 832A
Inductor, Capacitor, Resistor (LCR)	MIL-STD-202 AS6171/7		LCR Meter
Diode, Mosfet, transistor	MIL-STD-750 AS6171/7	Diode, Mosfet, transistor	LORLIN system
AC/DC characteristics testing	MIL-STD-883 AS6171/7	Microcircuits	Virtual Bench
Environmental testing	MIL-STD-883 AS6171/7		Temperature system Virtual Bench
Burn in testing	MIL-STD-883 AS6171/7		Temperature system Virtual Bench
Functional Testing	MIL-STD-883 AS6171/7		Virtual Bench



**Satellite Site**

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 840 S Rochester Ste C.  
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**Non-Destructive Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS6081 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Keyence VHX-7000 10X-2000X
Elemental Content by XRF	AS6081 AS6171/3		Seamark XRF
Radiographic Examination/ Inspection	AS6081 AS6171/5		Seamark X-Ray

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Mix Solution (CAS Registry Number 9072-35-9)
Solvent Test for Resurfacing/ Scrape	AS 6081 AS6171/2		Acetone (CAS Registry Number 67-64-1) 1-Methyl 2- Pyrrolidinone (CAS Registry Number: 872-50-4) Dynasolve 750 (or equivalent)
Packaging Configuration and Dimension	AS6081 AS6171/2		Caliper Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002		Solder Pot Reflow Oven Infrared IC Heater T-962
Decapsulation and Die Verification	AS6081 AS6171/4		Paragon Oven



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**Electrical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Memory/ Flash/ Programming	Per Customer Specification AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	BPMicro System Xeltek
Electrical Characteristics Test (300 Class)	MIL-STD-202G Class 300 AS6171/7		LCR/ERS Meter, Multimeter, Curve Tracer, IR Meter
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		VB – 8012
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		VB – 8012





ANSI National Accreditation Board

**Satellite Site**

**Global ETS, BV**

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**Non-Destructive Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS6081, 4.2.6.4.2.1 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Amscope 10X-1000X
Elemental Content by XRF	AS6081, 4.2.6.4.5 APP C1 AS6171/3		AMPTECH XF-A5 SEAMARK ZM
Radiographic Examination/ Inspection	AS6081, 4.2.6.4.4 AS6171/5		SEAMARK X6660H

**Mechanical**

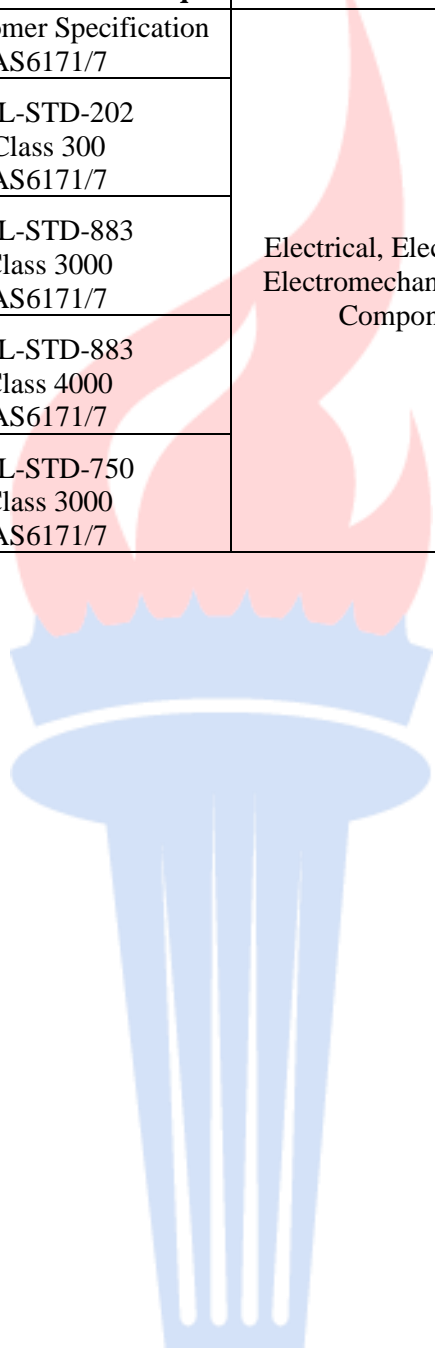
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081, 4.2.6.4.3 A AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Mix Solution (CAS Registry Number 9072-35-9)
Solvent Test for Resurfacing/ Scrape	AS6081, 4.2.6.4.3 B AS6171/2		Acetone (CAS Registry Number 67-64-1) 1-Methyl 2- Pyrrolidinone (CAS Registry Number: 872-50-4) Dynasolve 750 (or equivalent)
Packaging Configuration and Dimension	AS6081, 4.2.6.4.2.1 AS6171/2		Caliper Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9		Solder Pot Polish P553, Reflow Oven Puhui Infrared IC Heater T-962
Decapsulation and Die Verification	AS6081. 4.2.6.4.6 AS6171/4		ELF 11/6B



**ANSI National Accreditation Board**

**Electrical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Memory/ Flash/ Programming	Per Customer Specification AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	Xeltek Superpro 6100N
Electrical Characteristics Test (300 Class)	MIL-STD-202 Class 300 AS6171/7		(Keysight E4980A) LCR/ERS Meter, Rigol DMM D3058, Curve Tracer
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		Digilent – Analog Discovery Pro 5250
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		Digilent – Analog Discovery Pro 5250
Electrical Test (Transistor, Diode, Mosfet)	MIL-STD-750 Class 3000 AS6171/7		Keithley 2470 SMU



**Satellite Site**

**Global ETS (HK) LIMITED**

Unit 1210, 12/F, Vanta Industrial Centre, 21-33,  
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Dan Tang 727 807 7991  
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**Non-Destructive Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS6081 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Keyence VHX-7000
Elemental Content by XRF	AS6081 AS6171/3		Seamark JFX-8000
Radiographic Examination/ Inspection	AS6081 AS6171/5		Seamark X6660H

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	3-Parts Mineral spirits (CAS No. 8052-41-3) 1-Part Isopropyl alcohol (CAS No. 67-63-0)
Solvent Test for Resurfacing/ Scrape	AS6081 AS6171/2		Acetone (CAS No. 67-64-1)/ 1-Methyl 2- Pyrrolidinone (CAS No. 872-50-4)/ Dynasolve 750 (or equivalent)/ Thermo Scientific HP88857105
Packaging Configuration and Dimension	AS6081 AS6171/2		Mitutoyo Digimatic Caliper CD-6"AX Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002		Hakko FX-305/ Puhui Infrared IC Heater T-962
Decapsulation and Die Verification	AS6081 AS6171/4		Nabertherm Furnace Oven B410

**Electrical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Memory/ Flash/ Programming	Per Customer Specification	Electrical, Electronic and Electromechanical (EEE) Components	Xeltek Superpro 6100N
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		NI VB8012 Virtual Bench / Xeltek Superpro 6100N / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		NI VB8012 Virtual Bench / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058/
Electrical Test (Passive)	MIL-STD-202 Class 300 AS6171/7		Keysight (E4980A) LCR/ Rigol DMM D3058
Electrical Test (Transistor)	MIL-STD-750 Class 3000 AS6171/7		Keithley 2470 SMU

**Satellite Site**

**Global ETS China**

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Longpingxi Road, Longcheng Street, Longgang, Shenzhen  
Dan Tang 727 807 7991  
[dan@gets-usa.com](mailto:dan@gets-usa.com)

**Non-Destructive Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS6081 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Keyence VHX-950F
Elemental Content by XRF	AS6081 AS6171/3		Seamark JFX-8000
Radiographic Examination/ Inspection	AS6081 AS6171/5		Seamark X6600B

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	3-Parts Mineral spirits (CAS No. 8052-41-3) 1-Part Isopropyl alcohol (CAS No. 67-63-0)
Solvent Test for Resurfacing/ Scrape	AS6081 AS6171/2		Acetone (CAS No. 67-64-1)/ 1-Methyl 2- Pyrrolidinone (CAS No. 872-50-4)/ Dynasolve 750 (or equivalent)/ Thermo Scientific HP88857105
Packaging Configuration and Dimension	AS6081 AS6171/2		Mitutoyo Digimatic Caliper CD-6"AX Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002		Soldering Pot Infrared IC Heater T-962

**Mechanical**

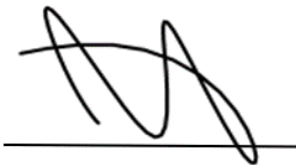
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Decapsulation and Die Verification	AS6081 AS6171/4	Electrical, Electronic and Electromechanical (EEE) Components	Electric Box Resistance Furnace YTH-2.5-10 Keyence VHX-7000

**Electrical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Memory/ Flash/ Programming	Per Customer Specification	Electrical, Electronic and Electromechanical (EEE) Components	Xeltek Superpro 6100N
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		NI VB8012 Virtual Bench / Xeltek Superpro 6100N / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		NI VB8012 Virtual Bench / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058/
Electrical Test (Passive)	MIL-STD-202 Class 300 AS6171/7		Keysight (E4980A) LCR/ Rigol DMM D3058
Electrical Test (Transistor)	MIL-STD-750 Class 3000 AS6171/7		Keithley 2470 SMU/ NI VB8012 Virtual Bench

Note:

- This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2603.



Jason Stine, Vice President