



ALTEST LAB ANALYSIS REPORT

WORK ORDER		CUSTOMER		DATE	
MANUFACTURER		PART NUMBER		PO NUMBER	
DATE CODE		LOT/ TRACE CODE		QUANTITY	
PART DESCRIPTION					

LAB PROCEDURES

<input checked="" type="checkbox"/> PACKAGING
<input checked="" type="checkbox"/> MEASURING
<input checked="" type="checkbox"/> DIGITAL MICROSCOPE
<input checked="" type="checkbox"/> X-RAY
<input type="checkbox"/> FLYING PROBE
<input type="checkbox"/> C-SCAN
<input type="checkbox"/> T-SCAN
<input type="checkbox"/> SCANNING ACOUSTIC MICROSCOPE (SAM)

LAB RESULT	
FAILURE RATE	
NOTES	
SIGNATURE	



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PACKAGING AND LABELING

YES	NO	N/A	LABEL/ PACKING INFO
			MFG PART NUMBER MATCHING
			ORIGINAL PACKAGING
			DATE CODE VISIBLE
			LOT CODE VISIBLE
			MOISTURE SENSITIVE LEVEL VISIBLE
			QUANTITY MATCHING
			THIRD PARTY LABEL
			ROHS COMPLIANT



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X-RAY REPORT	
X-RAY IMAGE : GOLDEN	X-RAY IMAGE 2: NEW PART
X-RAY IMAGE 3: GOLDEN	X-RAY IMAGE 4: NEW PART
X-RAY IMAGE 5	



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EXTERNAL MEASUREMENT REPORT

IMAGE 1: GOLDEN	IMAGE 2: NEW PART
IMAGE 3: GOLDEN	IMAGE 4: NEW PART
IMAGE 5: GOLDEN	IMAGE 6: NEW PART



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EXTERNAL MEASUREMENT REPORT	
IMAGE 7: GOLDEN	IMAGE 8: NEW PART
IMAGE 9: GOLDEN	IMAGE 10: NEW PART
IMAGE 11: GOLDEN	IMAGE 12: NEW PART (



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EXTERNAL MEASUREMENT REPORT

IMAGE 1: GOLDEN	IMAGE 2: NEW PART
IMAGE 3: GOLDEN	IMAGE 4: NEW PART
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EXTERNAL MEASUREMENT REPORT	
IMAGE 7: GOLDEN	IMAGE 8: NEW PART
IMAGE 9: GOLDEN	IMAGE 10: NEW PART
IMAGE 11: GOLDEN	IMAGE 12: NEW PART



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DIGITAL- MICROSCOPE REPORT

IMAGE 1: GOLDEN	IMAGE 2: NEW PART
IMAGE 4: GOLDEN	IMAGE 5: NEW PART
IMAGE 6: GOLDEN	IMAGE 7: NEW PART



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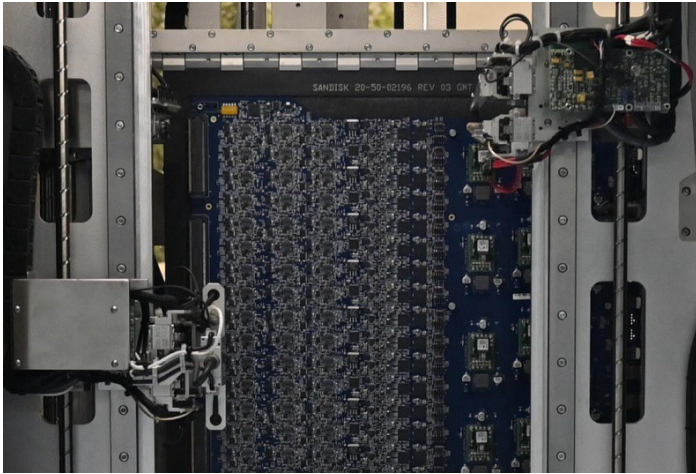
DIGITAL- MICROSCOPE REPORT

IMAGE 1: GOLDEN	IMAGE 2: NEW PART
IMAGE 4: GOLDEN	IMAGE 5: NEW PART
IMAGE 6: GOLDEN	IMAGE 7: NEW PART



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FLYING PROBE TEST REPORT



Flying Probe Test is an electrical PCBA test.

Flying Probe Test includes:

- Standard analog and digital in-circuit test
- Test ICs for opens and shorts
- Continuity test to detect open tracks on the PCB
- Isolation Test to detect short on the PCBA
- Visual tests for component presence/absence and rotation

Flying Probe Test requirements:

- CAD data: ODB++(Ver 7), IPC 356, or Allergo ASCCI file,...
- Schematic file: for troubleshooting the PCBA

Board QTY:
Pass QTY:
Attached Test Coverage Report: Y/N

Note:



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SCANNING ACOUSTIC MICROSCOPE REPORT



Semiconductor Package Failure Analysis:

- Counterfeit Detection
- Product Reliability
- Process Validation
- Vendor Qualification
- Product Inspection
- Quality Control

RESULT: