

HIGH-RISK OR COUNTERFEIT PARTS REPORT

QUALITY
ASSURANCE
CENTRE

July 2024

A large diamond-shaped graphic with a green-to-yellow gradient is positioned on the left side of the slide. It is centered over a white square outline. The word "AGENDA" is written in bold, black, sans-serif capital letters in the center of the diamond.

AGENDA

1

**About Briocean
Quality Assurance
Centre**

2

**Tier-1 Inspection
Interception List**

3

**Tier-2 Inspection
Interception List**

01

About Brioccean Quality Assurance Centre

1.1 Briocean Quality Assurance Centre

BRIOCEAN

Briocean has constructed two Quality Assurance (QA) Centres, separately in Shenzhen and Hong Kong, each with a total area of 2,000m². The centres have over 100 state-of-the-art professional testing equipment and a group of professional qualified inspection engineers.

It adopts a 3-tier international standard QA process with the 4th tier outsourced testing to third party as part of our strategic partnership. These enable us to deliver only authentic quality electronic components to our clients.

Briocean's QA Centre is internationally recognised, awarded with ISO14001, and ISO 9001:2015 and meets IDEA, and ISO 17025 standards.



1.2 Briocean Quality Assurance Centre

BRIOCEAN

As an industry leader in QA, Briocean adopts a zero-tolerance policy towards counterfeit chips. Our stringent quality assurance process boasts a 100% interception rate to ensure no counterfeits get mixed into our clients' supply chain.

In this report, you will find the list of high-risk or counterfeit parts intercepted by Briocean QA Centre's inspection engineers. This list comprises of the shipments intercepted in the month of July 2024.

02

Tier-1 Inspection Interception List

2.0 Tier-1 Inspection Interception List

BRIOCEAN

Labelling & Packaging Verification

Comparing of the shipment's label and packaging with the original label and packaging in Brioccean's QC database.

Counterfeit Interception Rate:



*List is arranged in alphabetical order.

2.1 ANALOG DEVICES

BRIOCEAN

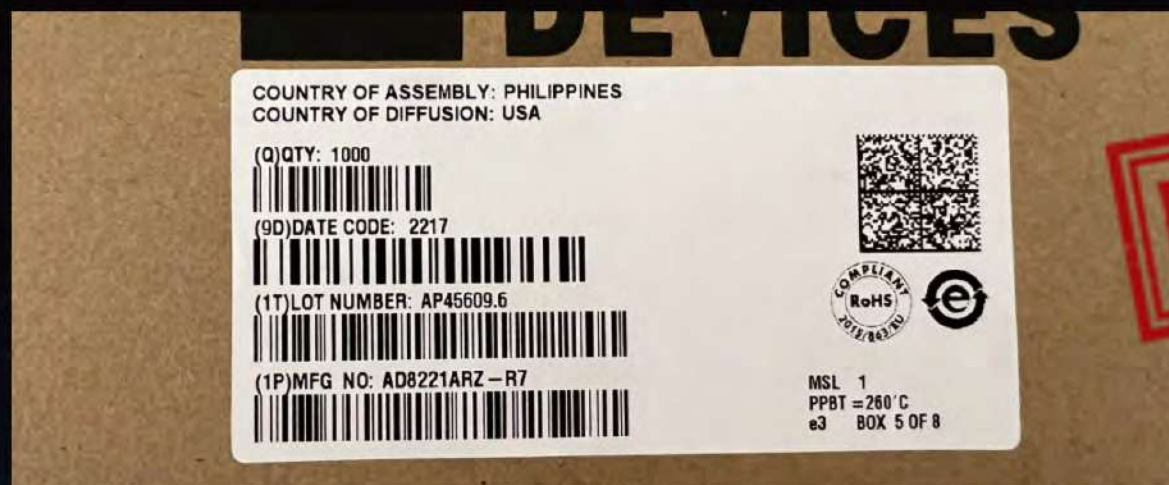
Part Number	Brand	Country of Manufacture	Date Code
AD620ARZ-REEL	ANALOG DEVICES	PHILIPPINES	2242



2.2 ANALOG DEVICES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AD8221ARZ-R7	ANALOG DEVICES	PHILIPPINES	2217



2.3 BLOX

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NEO-M8N-0-10	BLOX	/	2232



2.4 EPSON

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
X1G004451000400	EPSON	CHINA	/



2.5 INFINEON

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IPBGOR190C6	INFINEON	MALAYSIA	2317



FAILED

2.6 INFINEON

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EP1C6F256I7N	INFINEON	KOREA	1937



Part Number	Brand	Country of Manufacture	Date Code
ICE3PCS02G	INFINEON	CHINA	2338

**FAILED**

2.8

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IKB15N60T	INFINEON	MALAYSIA	2348



FAILED

2.9 INTEL

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EPM7128STC100-7N	INTEL	/	/



2.10 INTEL

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EP1C6F256I7N	INTEL	KOREA	1937



2.11 MURATA

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LQH32CN220K53L	MURATA	JAPAN	20221214



2.12 NXP

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NX18P3001UKZ	NXP	SINGAPORE	1830



2.13 ONSEMI

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TIP42CTU-F129	ONSEMI	CHINA	2132



Part Number	Brand	Country of Manufacture	Date Code
LTA673-Q1R2-35	OSRAN	MALAYSIA	20



2.15 PULSE

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
HM5149NL	PULSE	CHINA	2408



FAILED

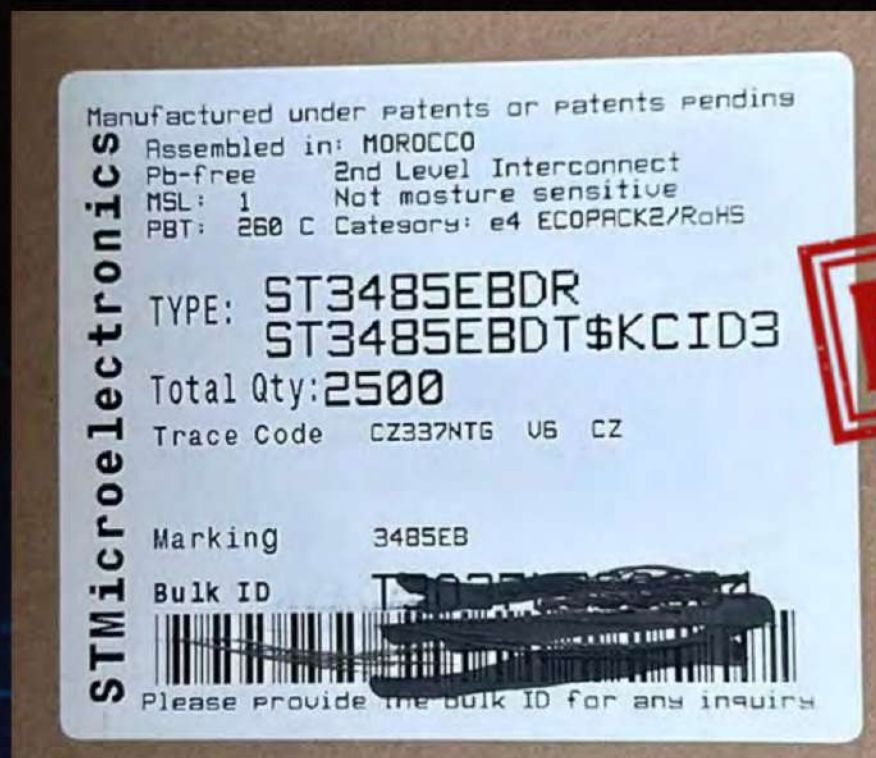
2.16 PULSE

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
HM5149NL	PULSE	CHINA	2346



Part Number	Brand	Country of Manufacture	Date Code
ST3485EBDR	STMICROELECTRONICS	MOROCCO	/



2.18 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2576SX-ADJ/NOPB	TEXAS INSTRUMENTS	MALAYSIA	19+



2.19

TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ISO7721D	TEXAS INSTRUMENTS	/	2349



Part Number	Brand	Country of Manufacture	Date Code
ULN2803ADWR	TEXAS INSTRUMENTS	MALAYSIA	2343

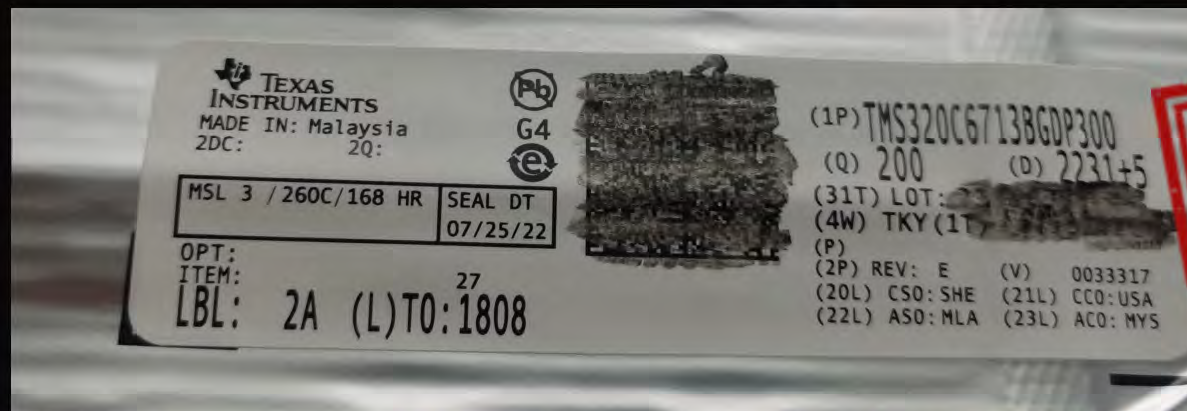


2.21

TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TMS320C6713BGDP300	TEXAS INSTRUMENTS	MALAYSIA	2231

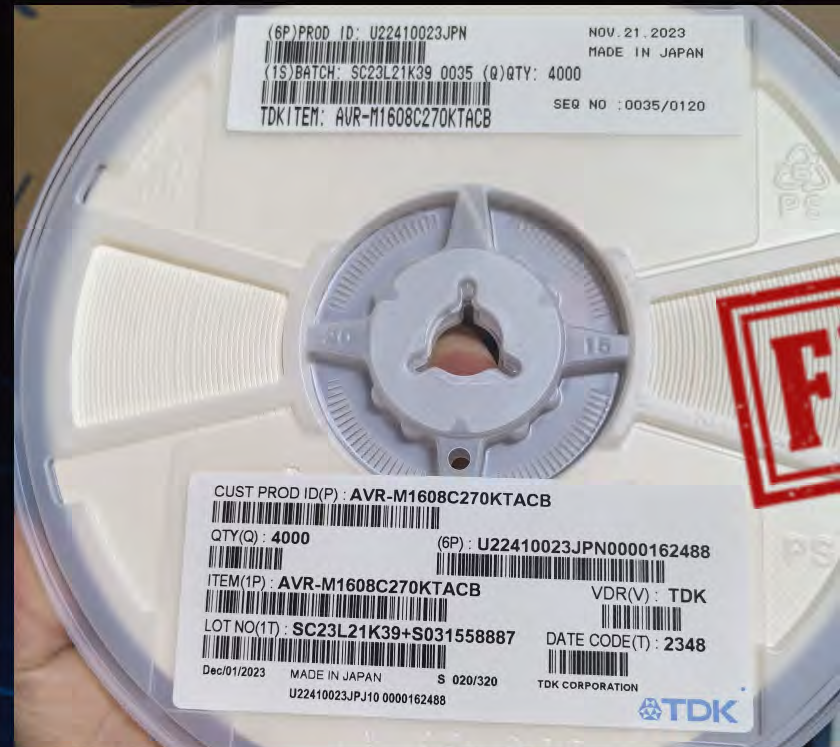


2.22

TDK CORPORATION

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
AVR-M1608C270KTACB	TDK CORPORATION	JAPAN	2348



2.23

TDK CORPORATION

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
SLF10165T-4R7N4R73PF	TDK CORPORATION	CHINA	2230



2.24 TOREX

BRIOCEAN

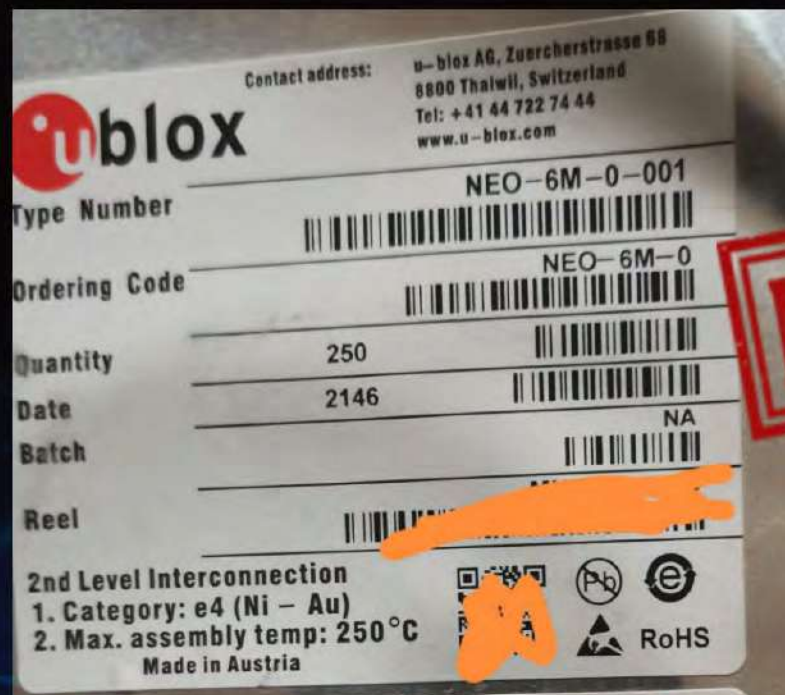
Part Number	Brand	Country of Manufacture	Date Code
XC6206P332MR-G	TOREX	/	22+



2.25 U-BLOX

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NEO-6M-0-001	U-BLOX	/	2146

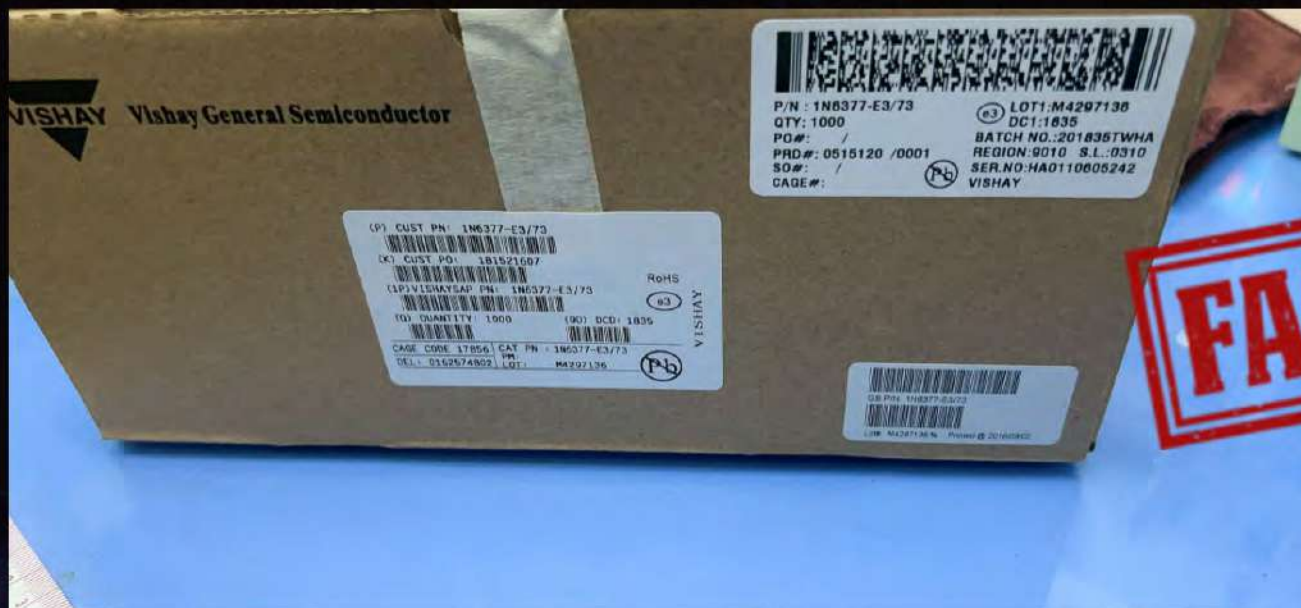


2.26

VISHAY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
1N6377-E3/73	VISHAY	/	/



Part Number	Brand	Country of Manufacture	Date Code
1N6377-E3/73	VISHAY	/	2420



2.28 VISHAY

BRIOCEAN

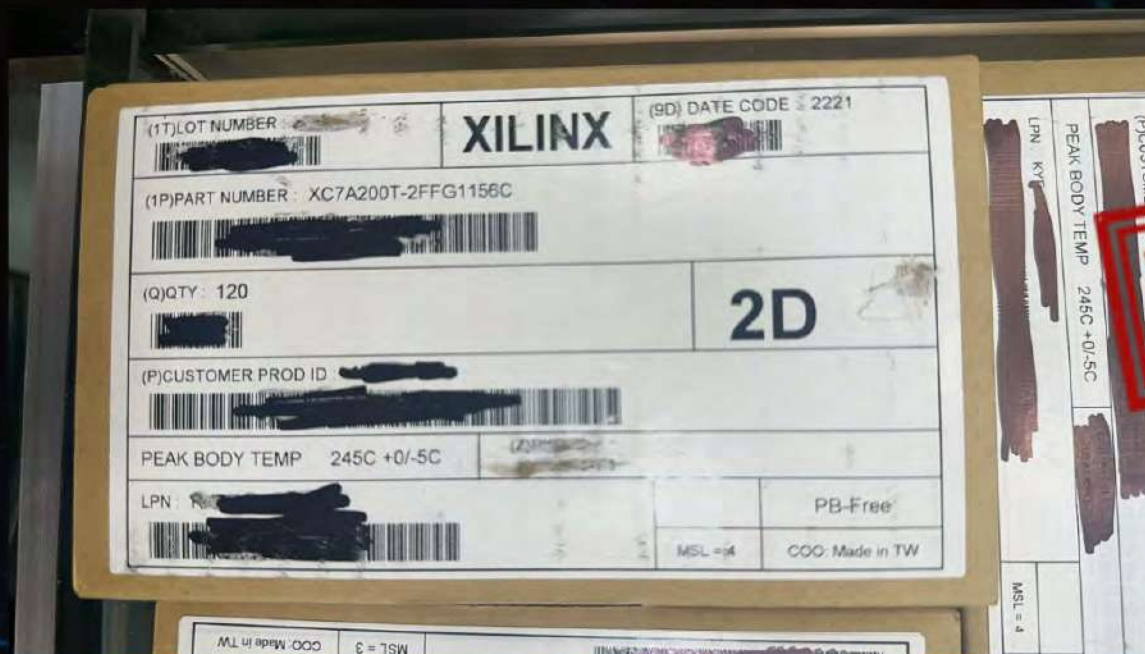
Part Number	Brand	Country of Manufacture	Date Code
SI3459BDV-T1-GE3	VISHAY	CHINA	2021060



Part Number	Brand	Country of Manufacture	Date Code
XC6VLX130T-1FFG784I	XILINX	TAIWAN	2309



Part Number	Brand	Country of Manufacture	Date Code
XC7A200T-2FFG1156C	XILINX	TAIWAN	2221



03

Tier-2 Inspection Interception List

3.0 Tier-2 Inspection Interception List

BRIOCEAN

VISUAL & MARKING INSEPECTION

With a magnification up to 160x, the LEICA microscope is used to inspect the interior and exterior sides of the component for its dimensions and check for scratches, polishing, breakage or oxidation on the BGA.

Counterfeit Interception Rate:



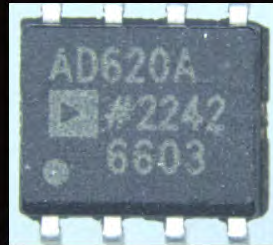
*List is arranged in alphabetical order.

3.1

ANALOG DEVICES

BRIOCEAN

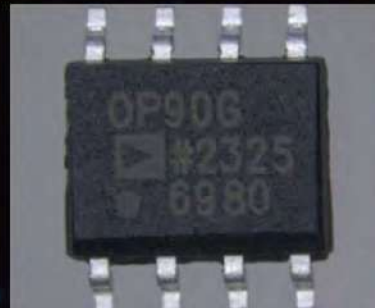
Part Number	Brand	Country of Manufacture	Date Code
AD620ARZ-REEL	ANALOG DEVICES	PHILIPPINES	2242

**FAILED**

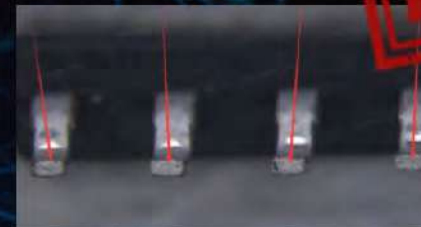
3.2 ANALOG DEVICES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OP90GSZ-REEL	ANALOG DEVICES	MALAYSIA	2325



FAILED

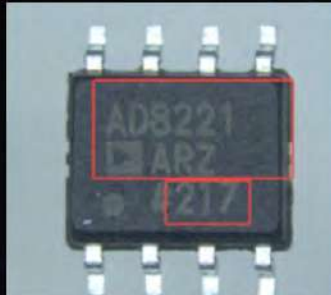
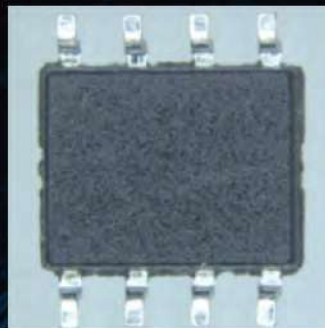


3.3

ANALOG DEVICES

BRIOCÉAN

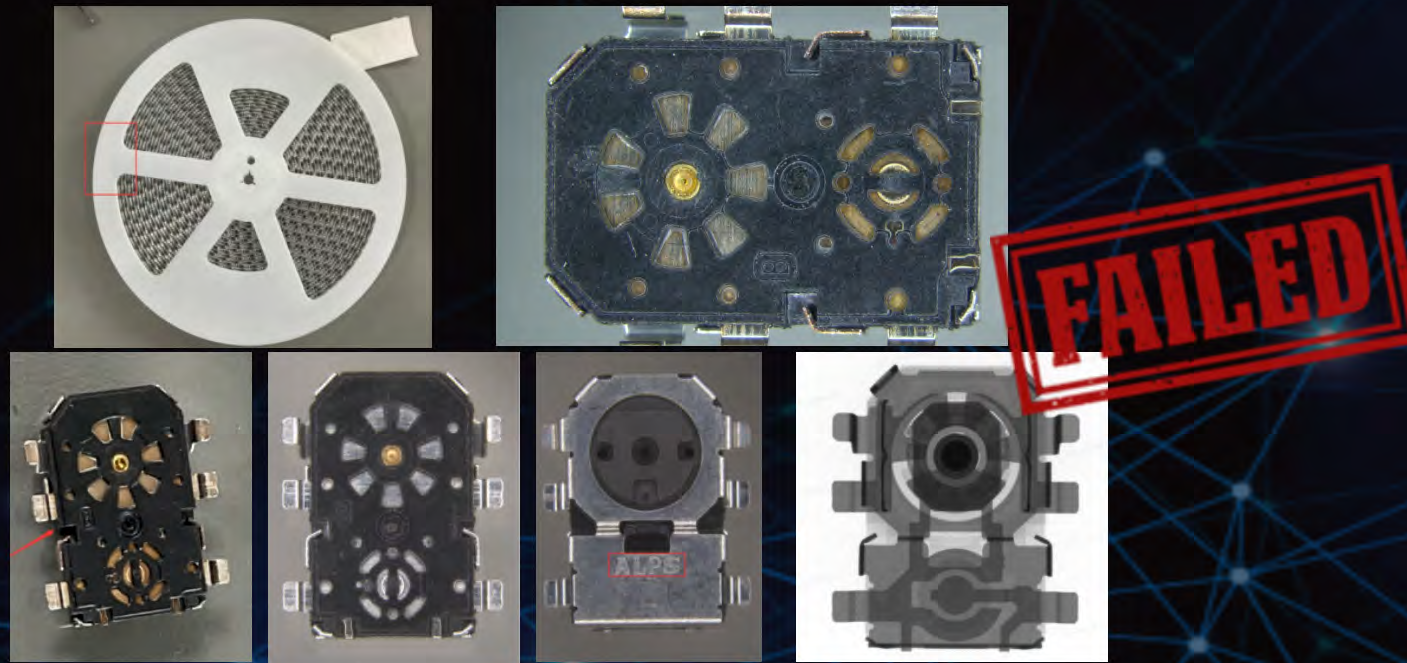
Part Number	Brand	Country of Manufacture	Date Code
AD8221ARZ-R7	ANALOG DEVICES	PHILIPPINES	2217

**FAILED**

3.4 ALPS

BRIOCEAN

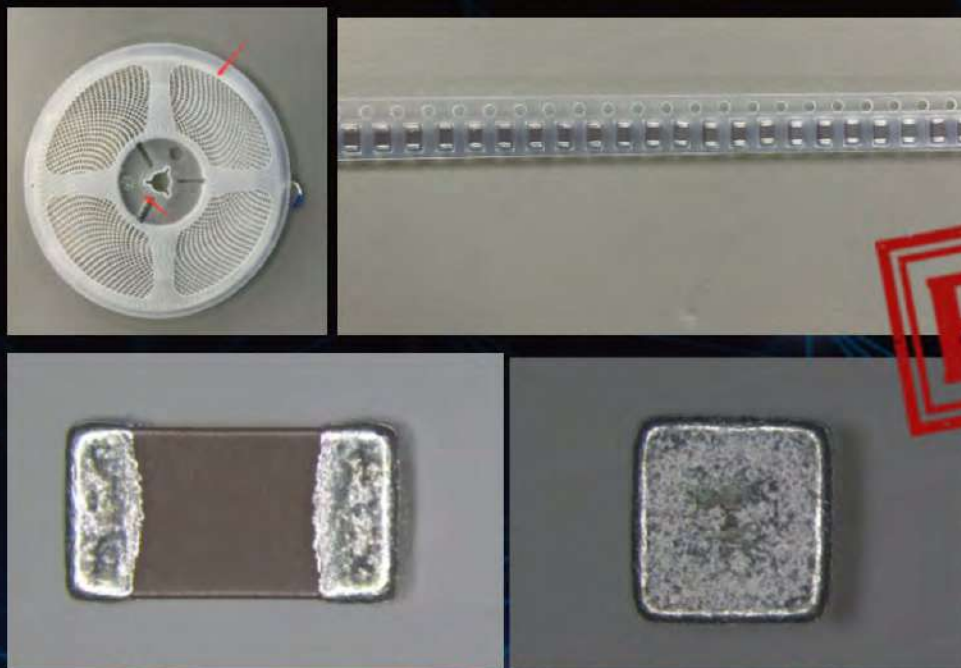
Part Number	Brand	Country of Manufacture	Date Code
SRBE110301	ALPS	CHINA	22+



3.5 AVX

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
1206ZC226KAT2A	AVX	/	21+

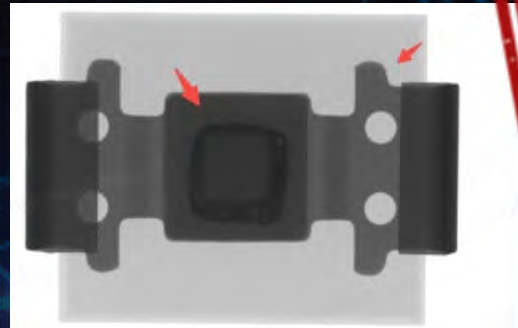
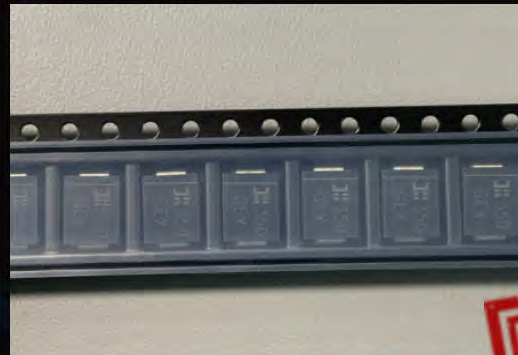


3.6

DIODES INCORPORATED

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SMCJ22A-13-F	DIODES INCORPORATED	TAIWAN	2350

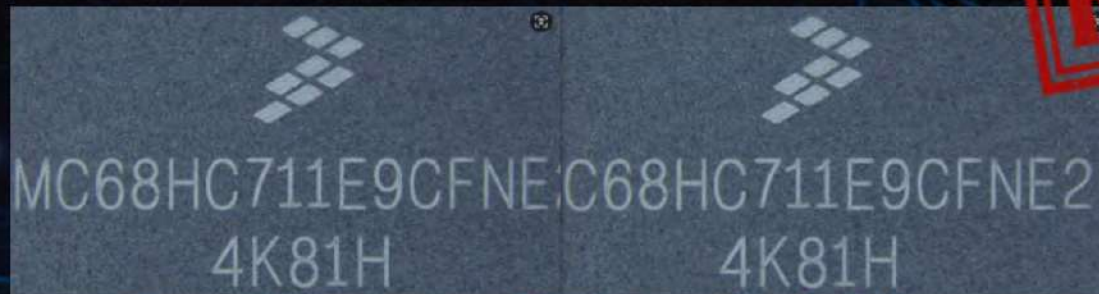
**FAILED**

3.7

FREESCALE

BRIOCEAN

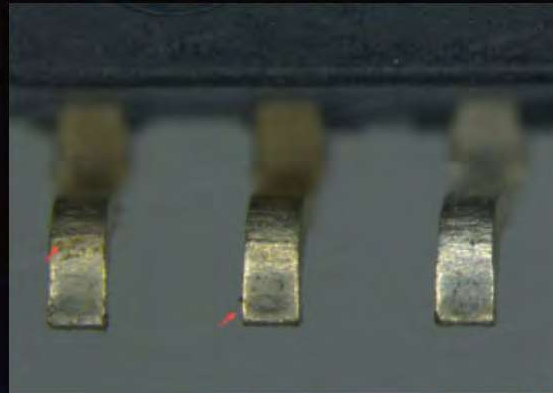
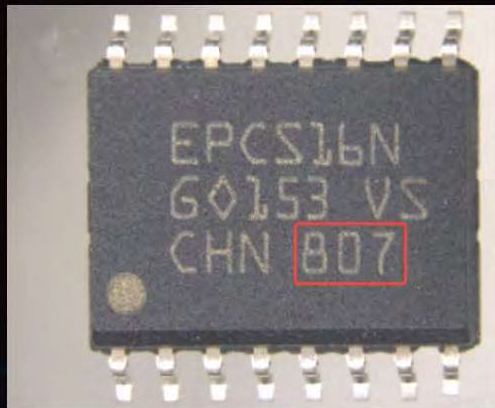
Part Number	Brand	Country of Manufacture	Date Code
MC68HC711E9CFNE2	FREESCALE	MALAYSIA	10+



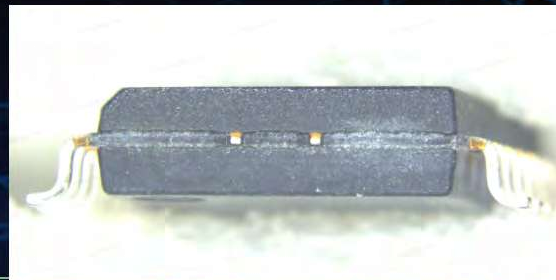
Part Number	Brand	Country of Manufacture	Date Code
EP1C3T144I7N	INTEL	PHILIPPINES	1937



Part Number	Brand	Country of Manufacture	Date Code
EPCS16SI16N	INTEL	CHINA	18+



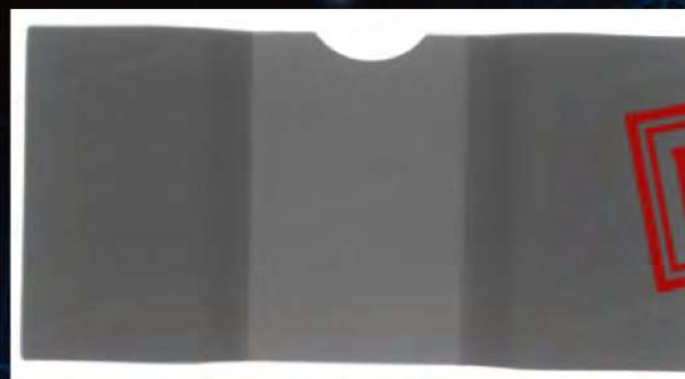
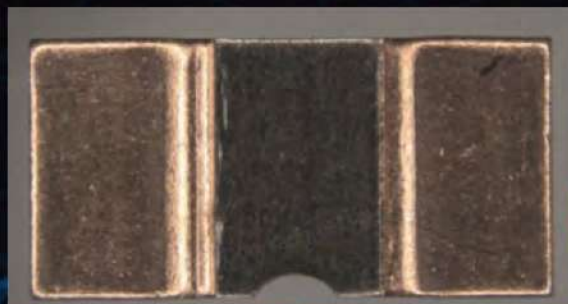
FAILED



3.10 ISA

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BVE-A-R001-1.0	ISA	/	/

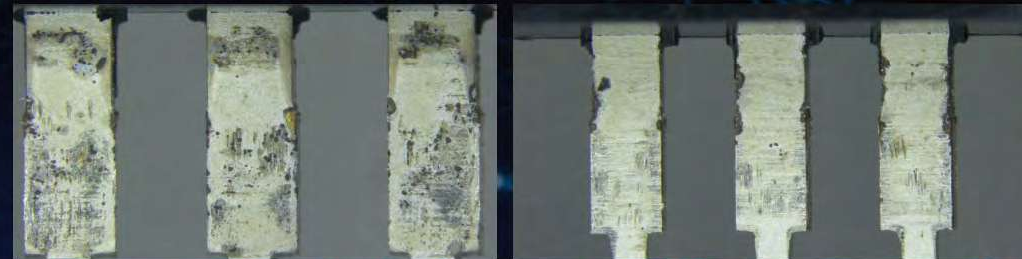
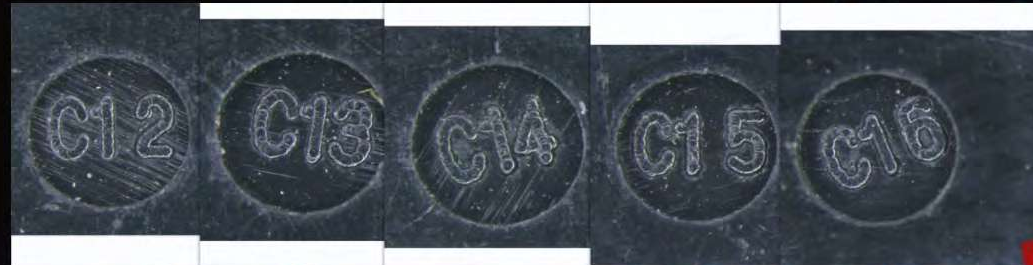
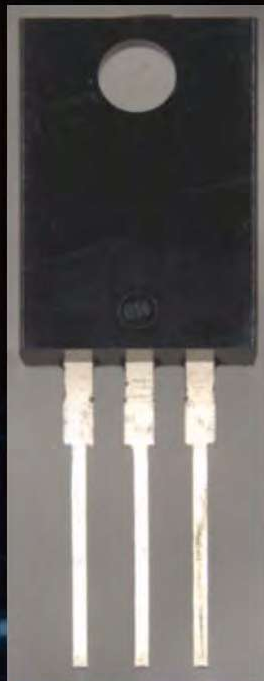


FAILED

3.11 PANJIT

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SB2045FCT	PANJIT	/	/

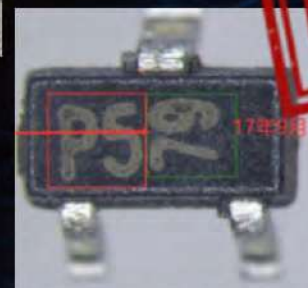
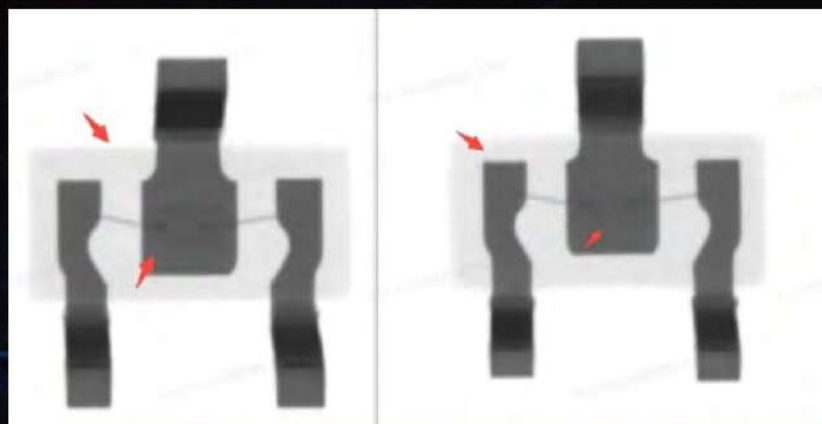


FAILED

3.12 SEMTECH

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
RCLAMP0502BATCT	SEMTECH	CHINA	18+



3.13 SEMIKRON

BRIOCEAN

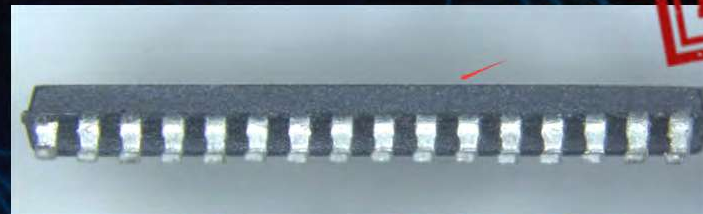
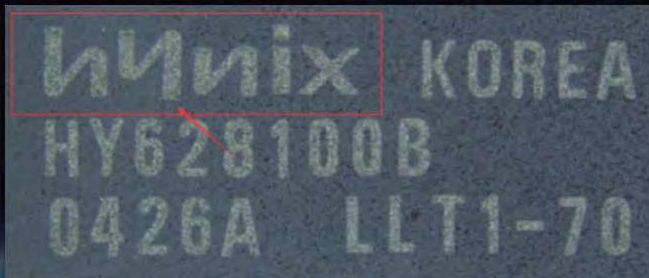
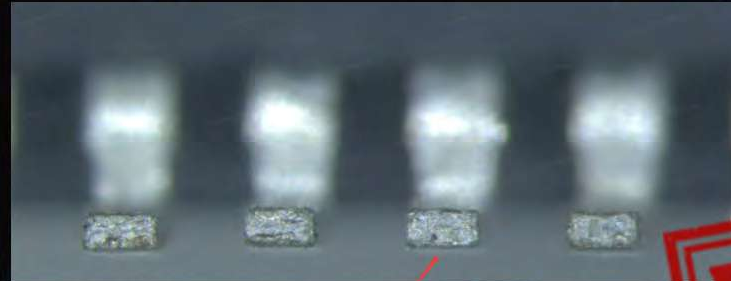
Part Number	Brand	Country of Manufacture	Date Code
SKR140F15	SEMIKRON	SOUTH KOREA	/



3.14 SKYWORKS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
HY628100BLLT1-70	SKYWORKS	CHINA	24

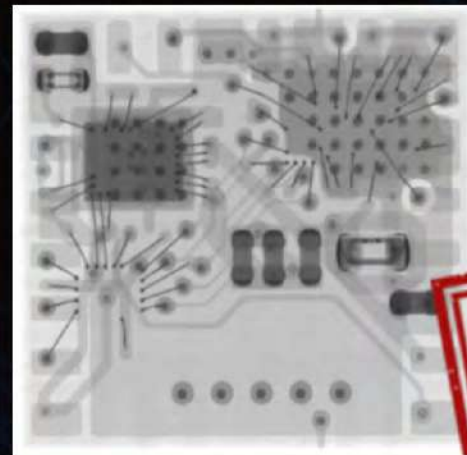


FAILED

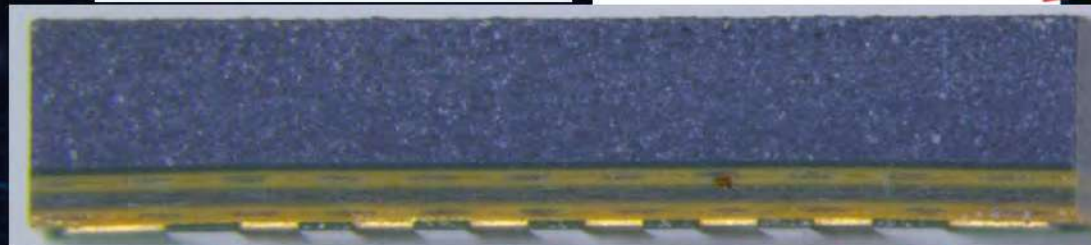
3.15 SKYWORKS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SKY77824-11HW	SKYWORKS	CHINA	24



FAILED



3.16 TOSHIBA

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TLP421(GR)	TOSHIBA	JAPAN	16+



FAILED

3.17 VICOR

BRIOCEAN

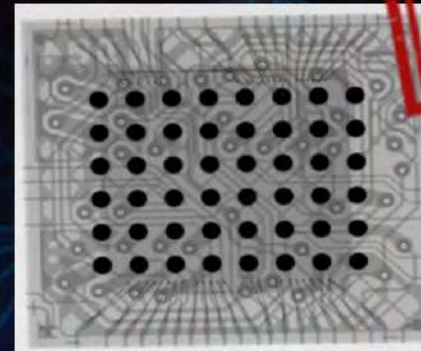
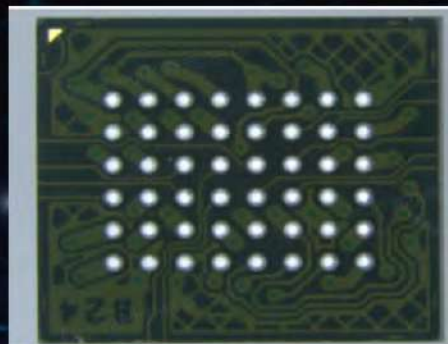
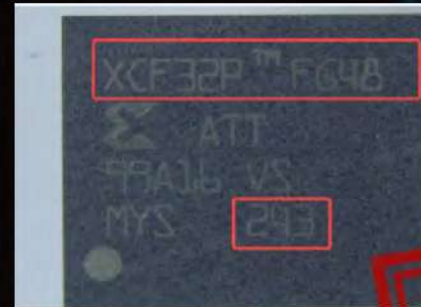
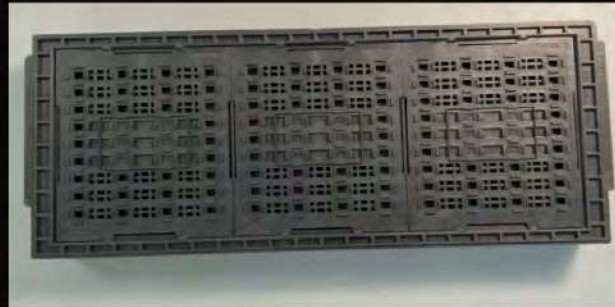
Part Number	Brand	Country of Manufacture	Date Code
V300B48H250BL3	VICOR	UNITED STATES	23+



3.18 XILINX

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XCF32PFSG48C	XILINX	/	2243



FAILED

Briocean Technology

THANK YOU

Your preferred supplier in global sourcing