

HIGH-RISK OR COUNTERFEIT PARTS REPORT

QUALITY
ASSURANCE
CENTRE

August 2024



AGENDA

- 1 About Brioccean
Quality Assurance
Centre**
- 2 Tier-1 Inspection
Interception List**
- 3 Tier-2 Inspection
Interception List**

01

About Brioccean Quality Assurance Centre

1.1 Brioccean Quality Assurance Centre

BRIOCÉAN

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

It adopts the 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 Brioccean Quality Assurance Centre

BRIOCCEAN

As an industry leader in QA, Brioccean 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 Brioccean QA Centre's inspection engineers. This list comprises of the shipments intercepted in the month of August 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 :



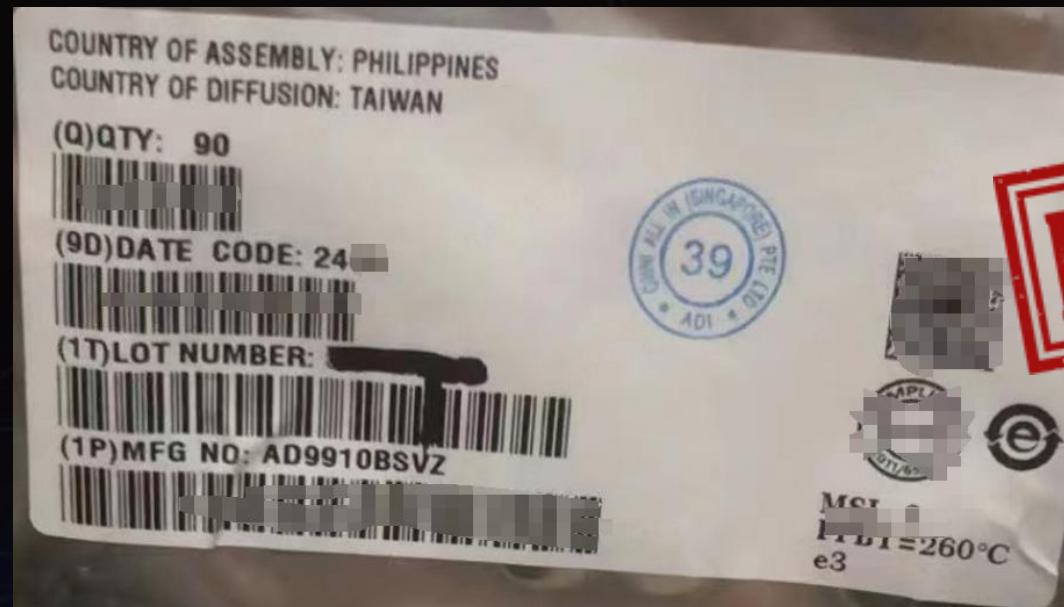
*List is arranged in alphabetical order.

2.1

ANALOG DEVICES

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
AD9910BSVZ	ANALOG DEVICES	PHILIPPINES	/



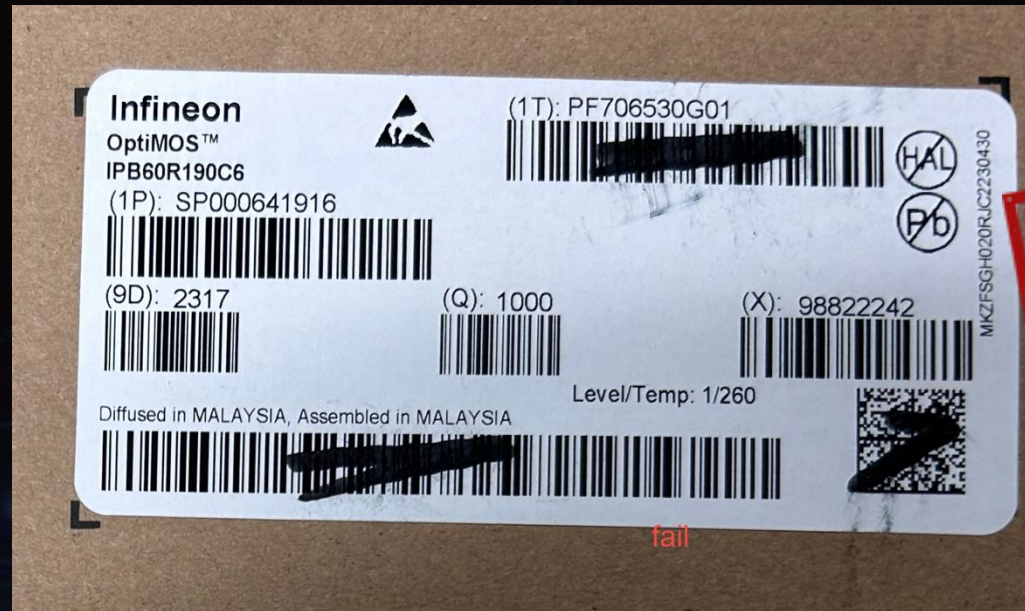
Part Number	Brand	Country of Manufacture	Date Code
18125C225KAT2A	AVX	/	2335



2.3

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
IPB60R190C6	INFINEON	Malaysia	2317



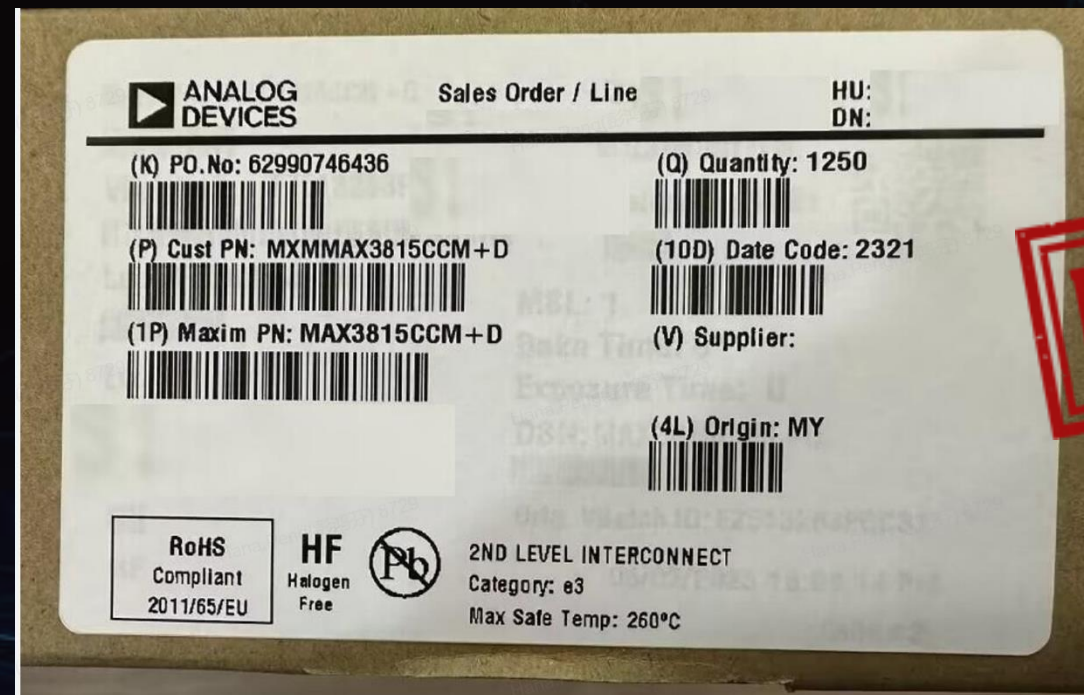
2.4 IXTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IXFN82N60Q3	IXTS	Philippines	/



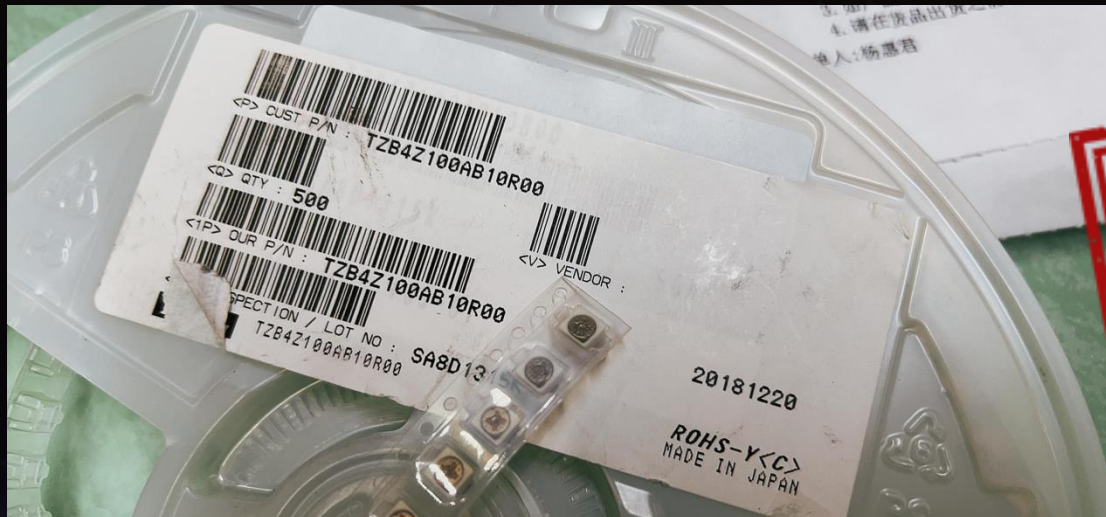
Part Number	Brand	Country of Manufacture	Date Code
MAX3815CCM+D	MAXIM	Malaysia	2321

**FAILED**

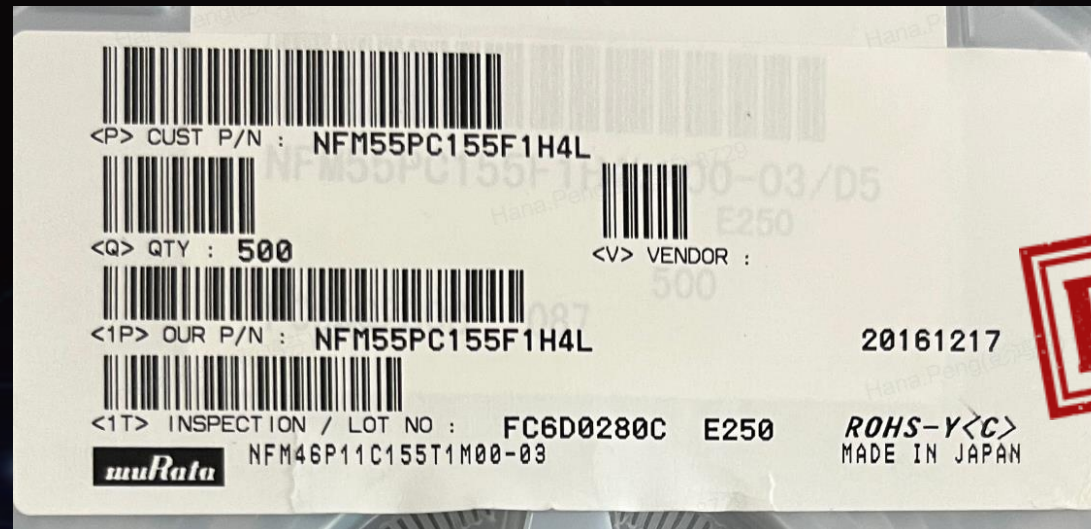
2.6 MURATA

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TZB4Z100AB10R00	MURATA	Japan	18



Part Number	Brand	Country of Manufacture	Date Code
NFM55PC155F1H4L	MURATA	Japan	/



Part Number	Brand	Country of Manufacture	Date Code
NTLJF3117PT1G	ON	Malaysia	1843



Part Number	Brand	Country of Manufacture	Date Code
IM06GR	TE	/	23



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SN65LVDS1DBVRG	TEXAS INSTRUMENTS	Malaysia	20

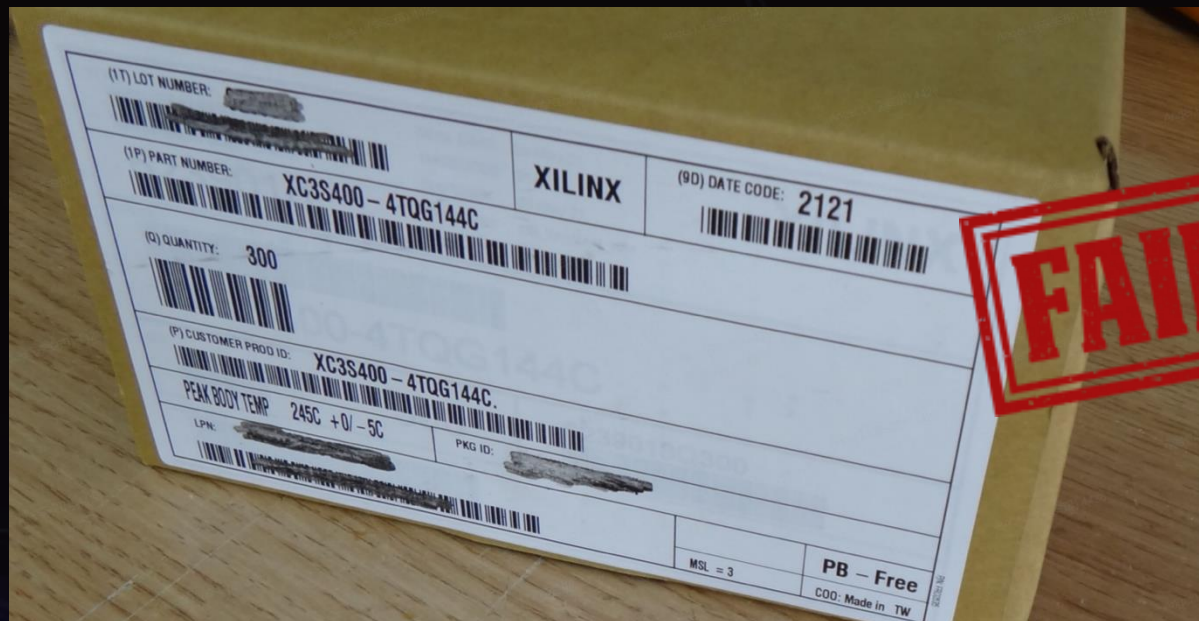


2.11

XILINX

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
XC3S400-4TQG144C	XILINX	Taiwan	2121



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 ABRACON

BRIOCEAN

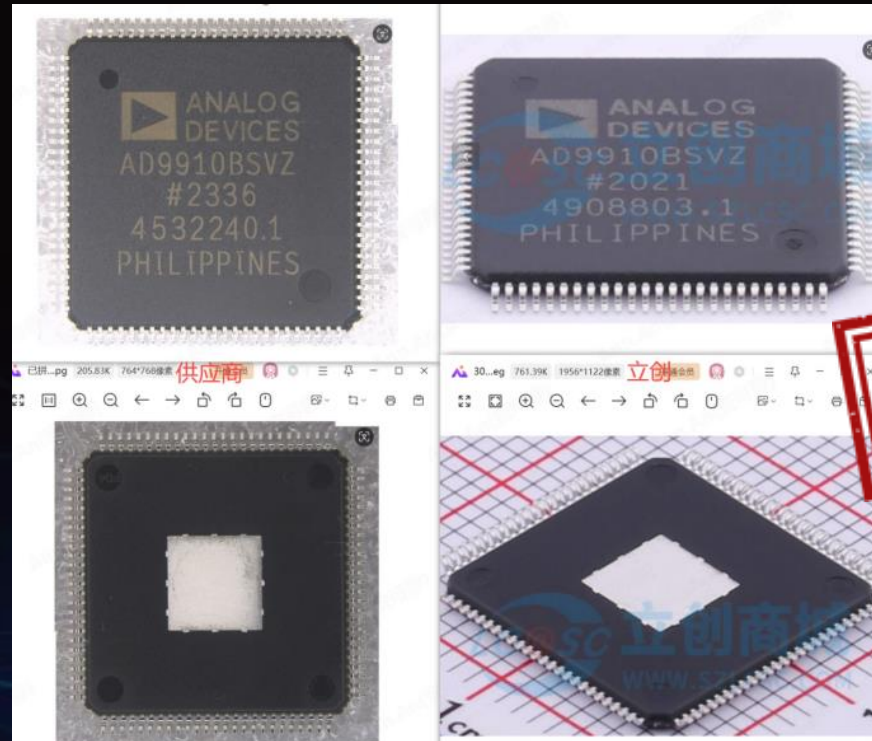
Part Number	Brand	Country of Manufacture	Date Code
ABS25-32.768KHZ-6-T	ABRACON	China	23



3.2 ANALOG DEVICE

BRIOCEAN

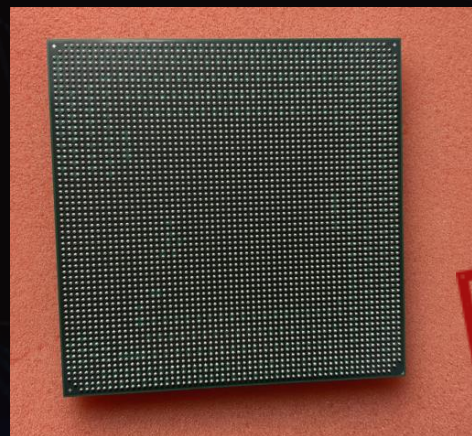
Part Number	Brand	Country of Manufacture	Date Code
AD9910BSVZ	ANALOG DEVICE	Philippines	23



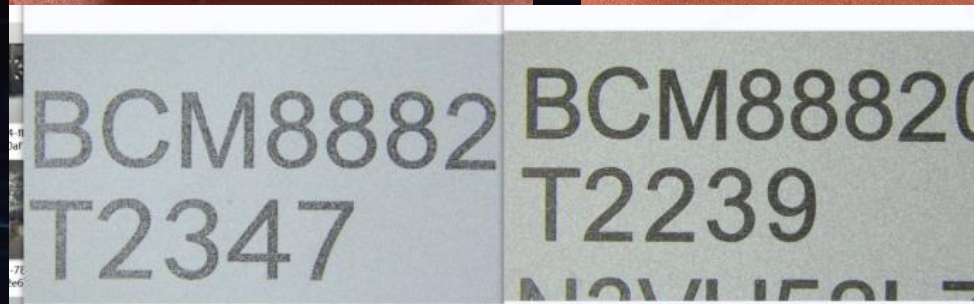
3.3 BROADCOM

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BCM88820CA1IFSBG	BROADCOM	Taiwan	23



FAILED



3.4 EXAR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SP6201EM5-L-1-5	EXAR	Malaysia	16

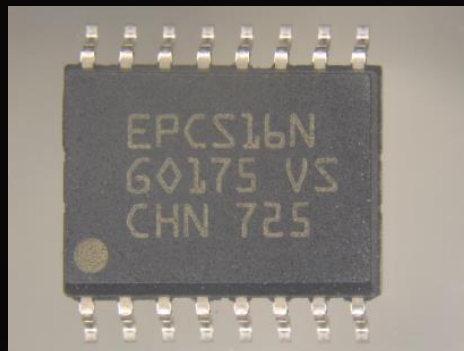


FAILED

3.5 INTEL

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EPCS16SI16N	INTEL	China	17

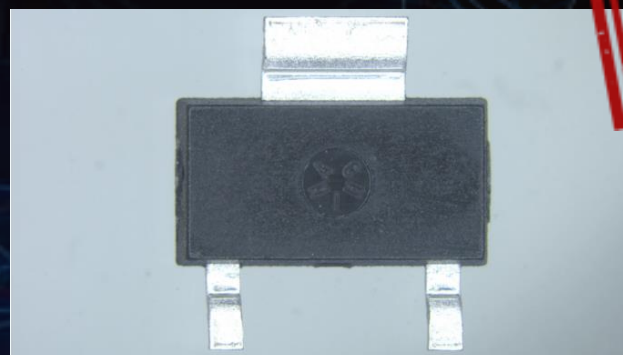
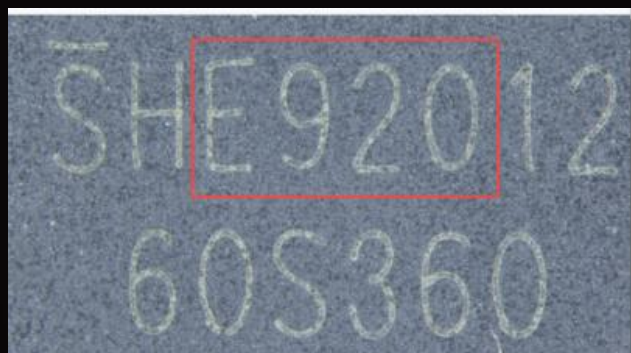


FAILED

3.6 INFINEON

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IPN60R360P7S	INFINEON	/	/

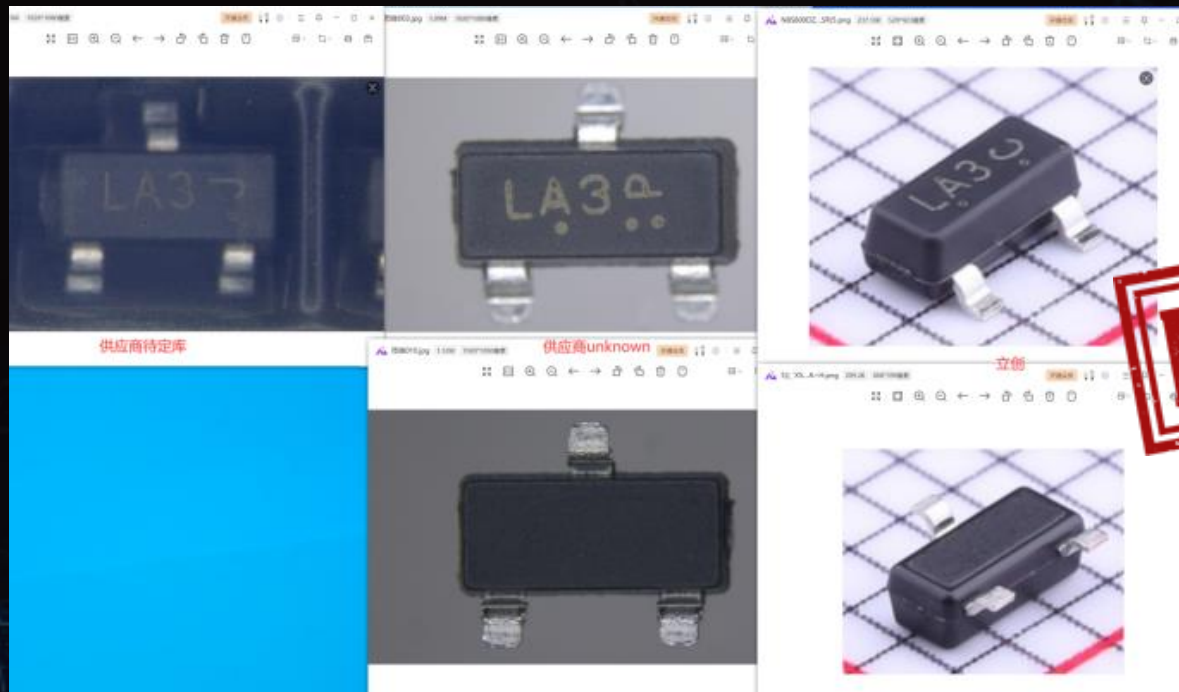


FAILED

3.7 LRC

BRIOCEAN

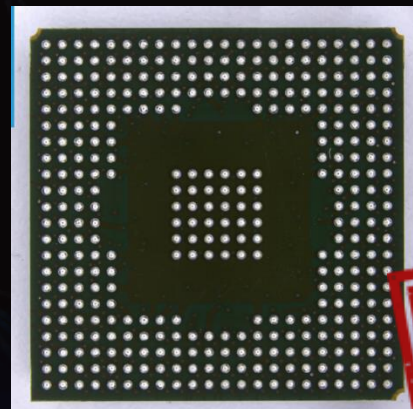
Part Number	Brand	Country of Manufacture	Date Code
LTL431APTLT1G	LRC	/	/



3.8 MARVELL

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
88AP270MA2-BHE1C520	MARVELL	Taiwan	19



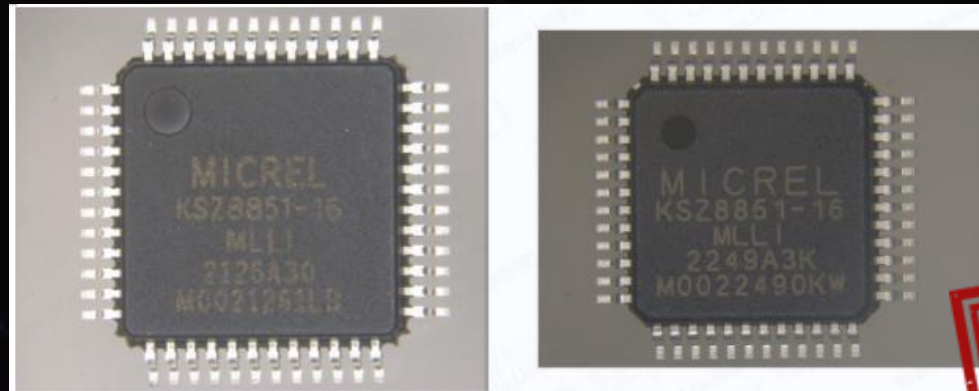
FAILED



3.9 MICROCHIP

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
KSZ8851-16MLLI	MICROCHIP	/	/

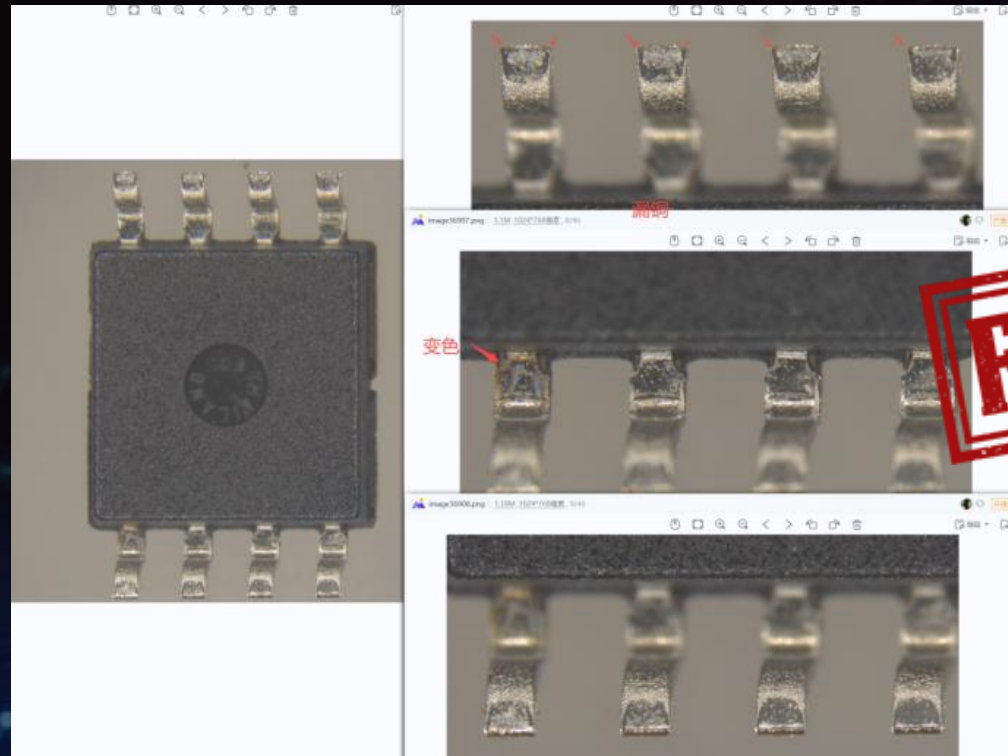
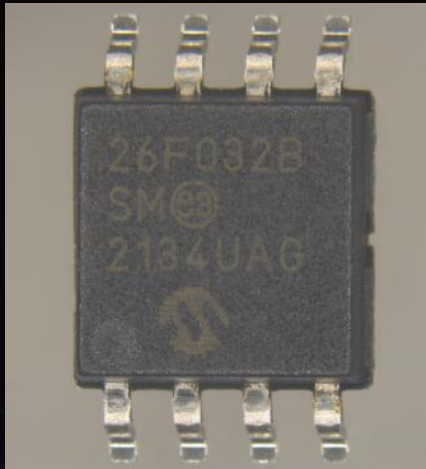


FAILED

3.10 MICROCHIP

BRIOCEAN

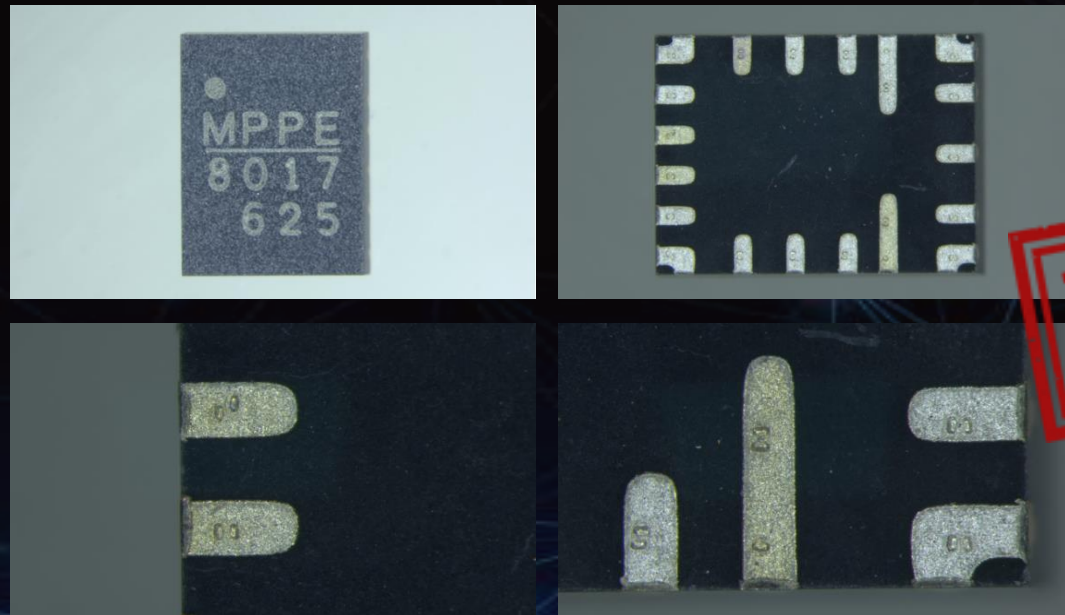
Part Number	Brand	Country of Manufacture	Date Code
SST26VF032B-104I-SM	MICROCHIP	Thailand	21



3.11 MPS

BRIOCEAN

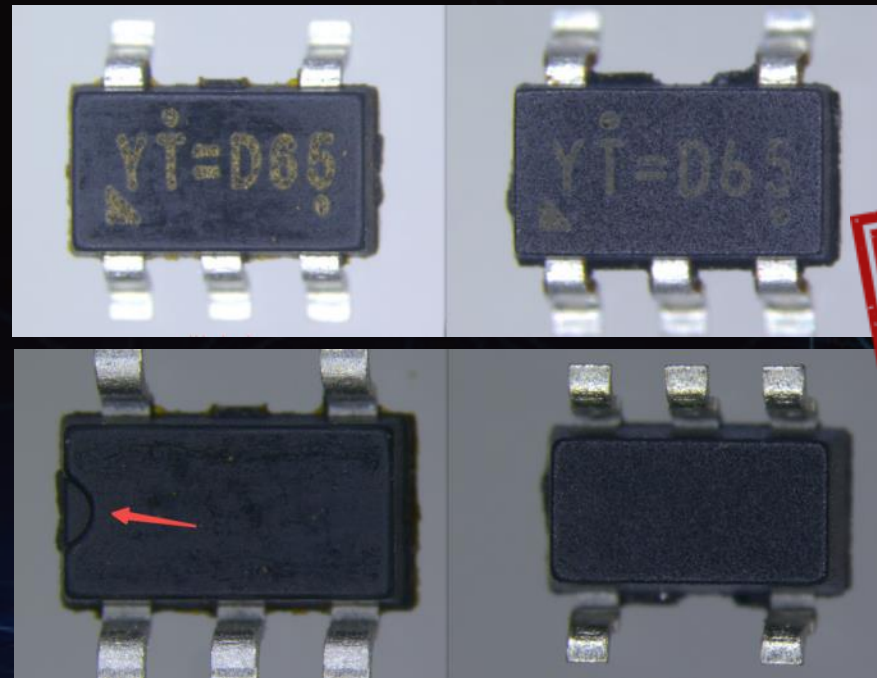
Part Number	Brand	Country of Manufacture	Date Code
MP8017GL-Z	MPS	China	22



3.12 RICHTEK

BRIOCEAN

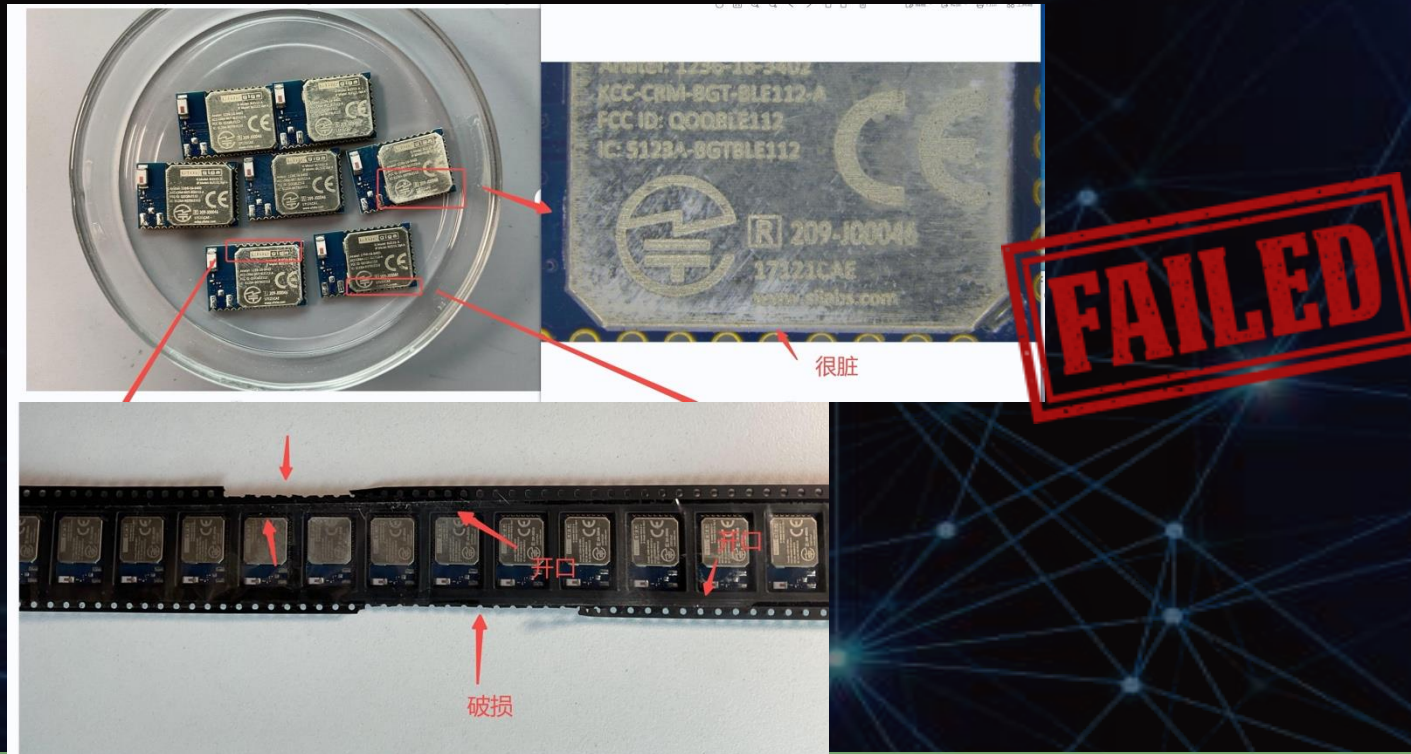
Part Number	Brand	Country of Manufacture	Date Code
RT9020-18GB	RICHTEK	/	24



3.13 SILICON LABS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BLE112-A-V1	SILICON LABS	/	17



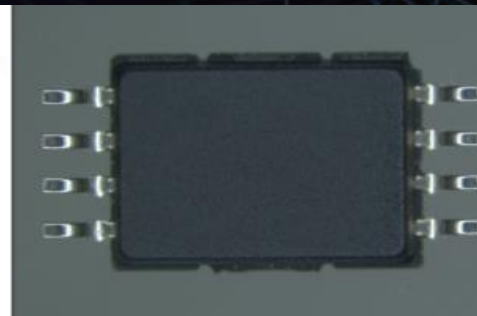
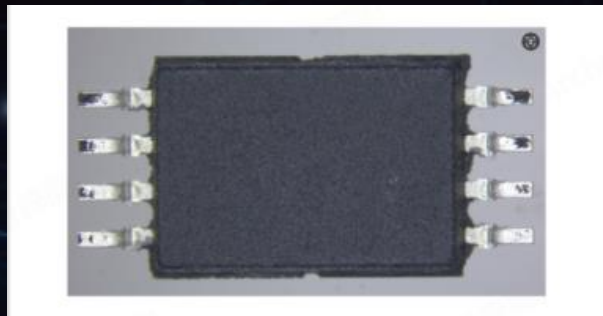
3.14 ST

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TSV358AIYPT	ST	/	21



FAILED



3.15 STM

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TIP36C	STM	Morocco	07

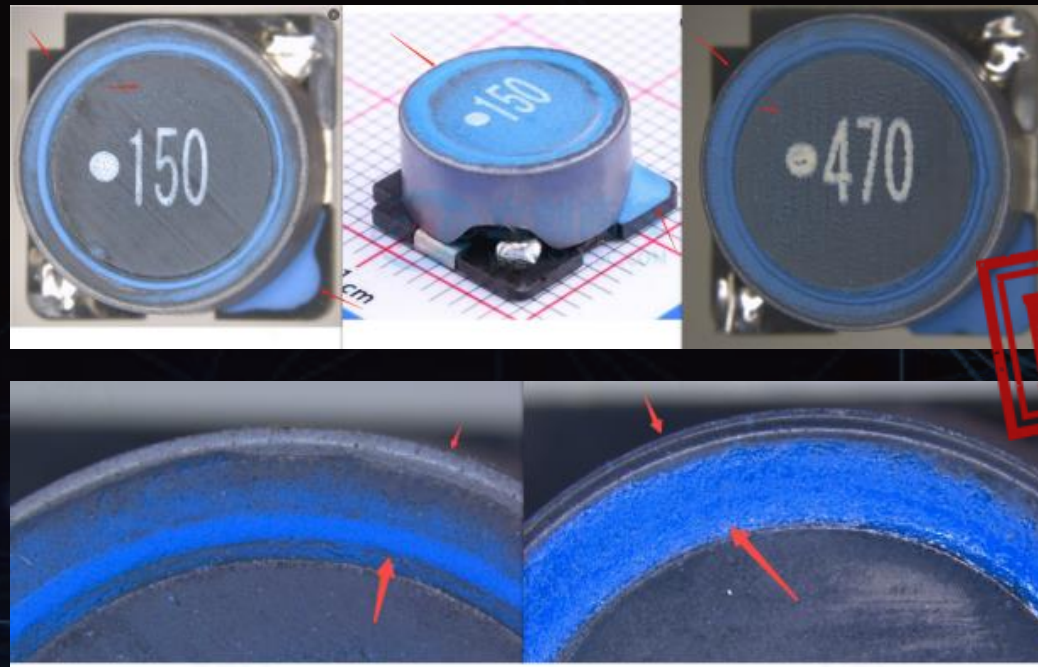


FAILED

3.16 TDK

BRIOCEAN

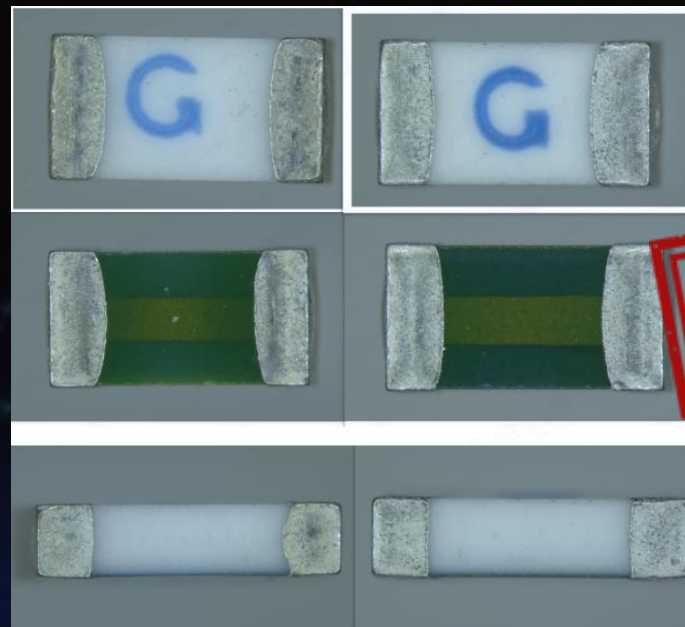
Part Number	Brand	Country of Manufacture	Date Code
SLF12565T-150M4R2-PF	TDK	China	24



3.17 TDK

BRIOCEAN

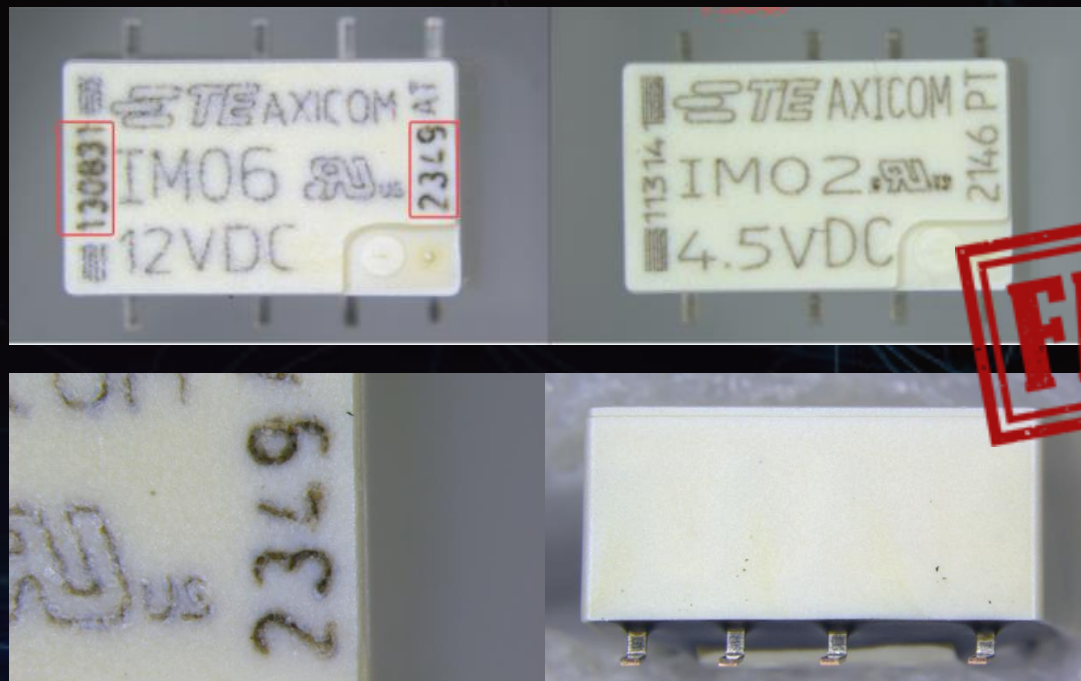
Part Number	Brand	Country of Manufacture	Date Code
SLF12565T-150M4R2-PF	TDK	China	24



3.18 TE

BRIOCEAN

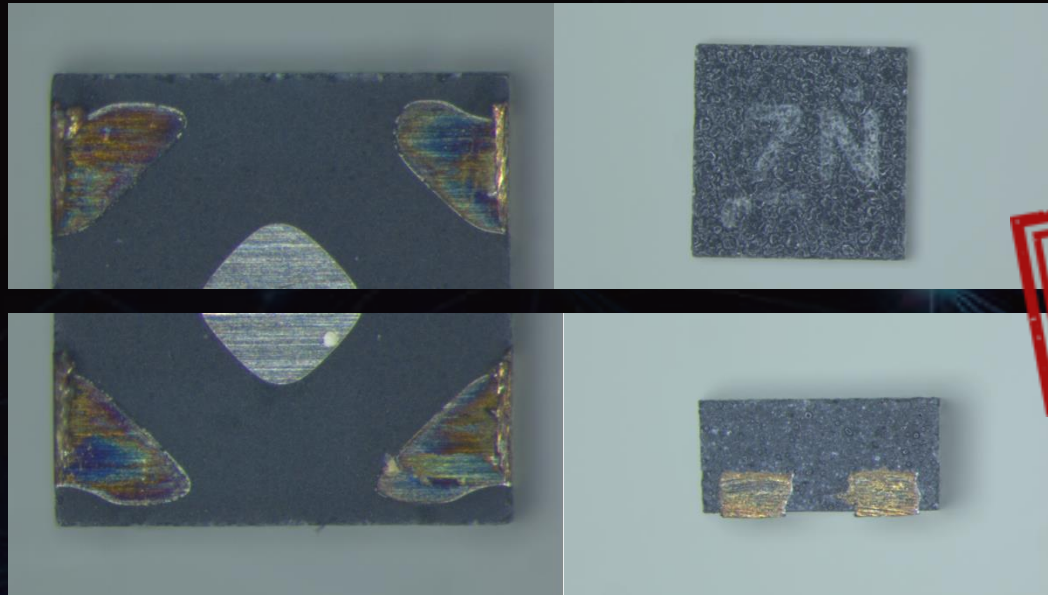
Part Number	Brand	Country of Manufacture	Date Code
IM06GR	TE	Australia	23



3.19 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TLV7011DPWR	TEXAS INSTRUMENTS	China	21



3.20 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LP2951-50DR	TEXAS INSTRUMENTS	Mexico	24



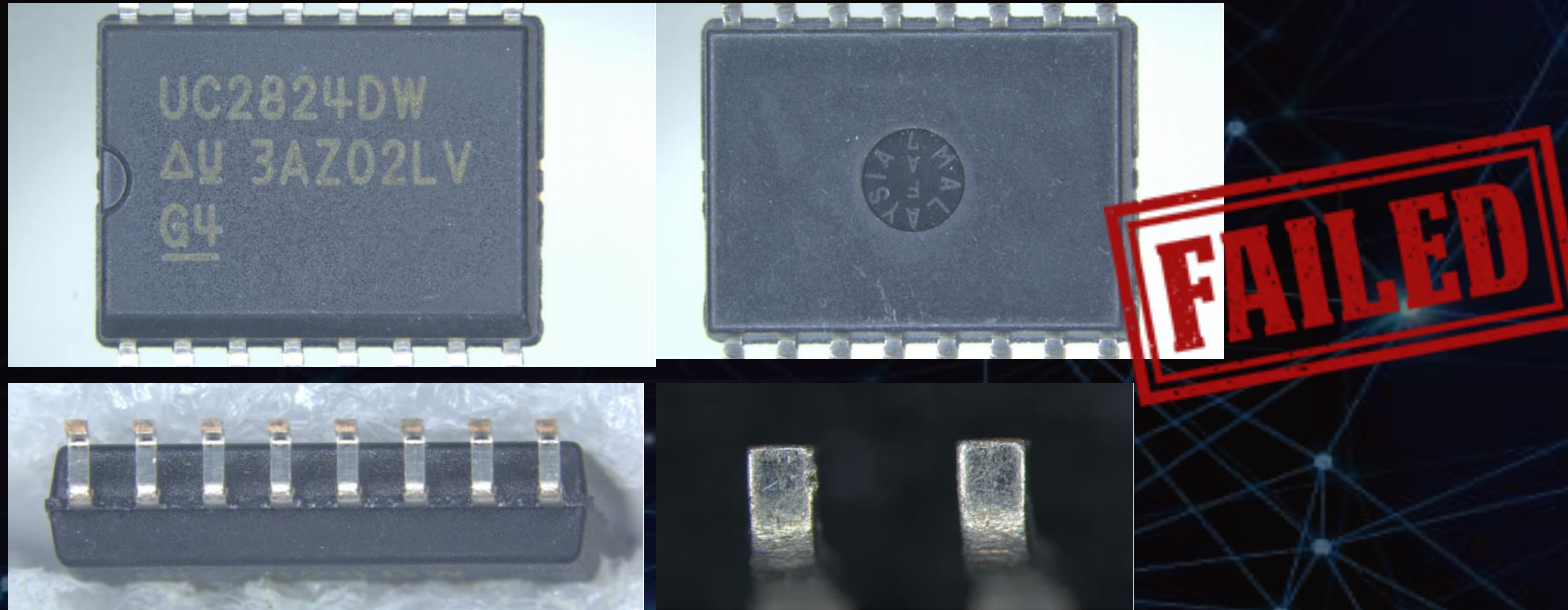
FAILED



3.21 TEXAS INSTRUMENTS

BRIOCEAN

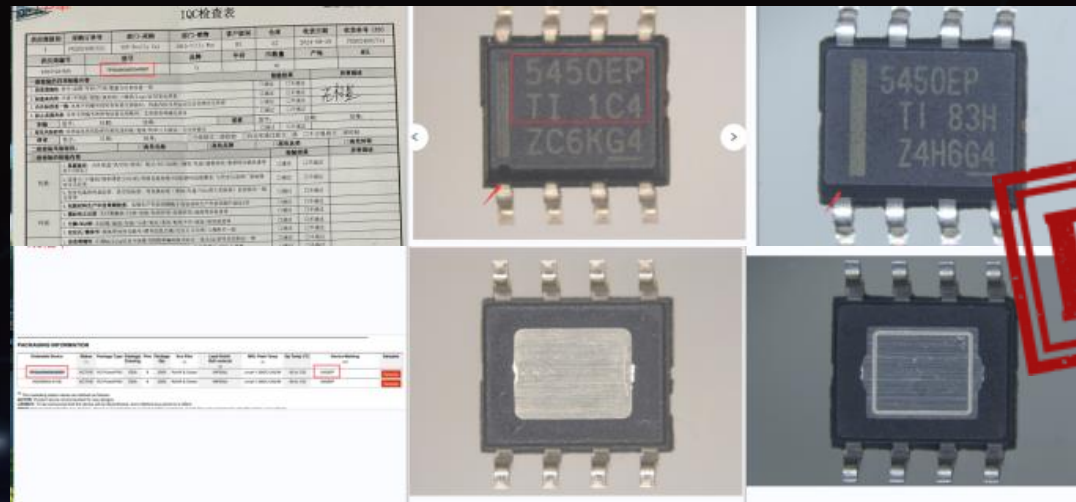
Part Number	Brand	Country of Manufacture	Date Code
UC2824DW	TEXAS INSTRUMENTS	Malaysia	13



3.22 TEXAS INSTRUMENTS

BRIOCEAN

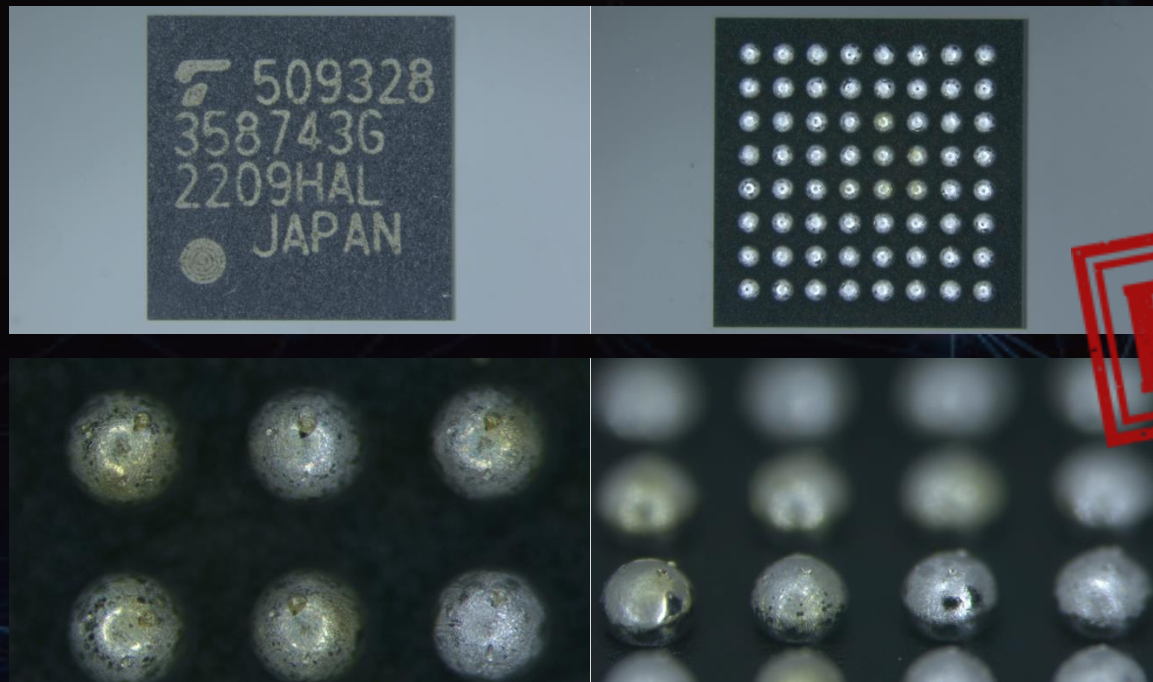
Part Number	Brand	Country of Manufacture	Date Code
TPS5450MDDAREP	TEXAS INSTRUMENTS	/	24



3.23 TOSHIBA

BRIOCEAN

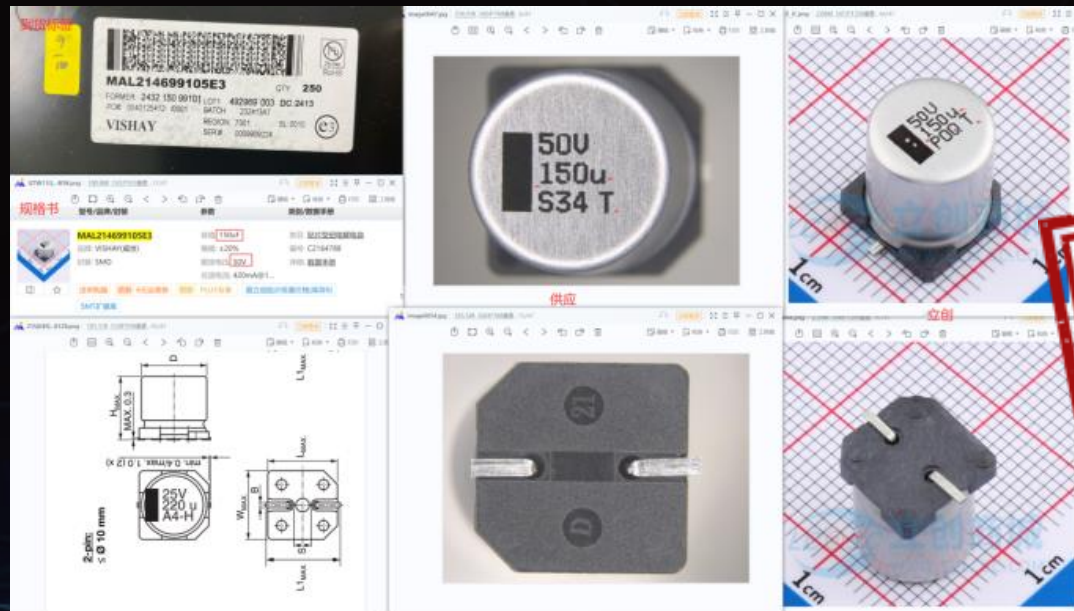
Part Number	Brand	Country of Manufacture	Date Code
TC358743XBG	TOSHIBA	Japan	22



3.24 VISHAY

BRIOCEAN

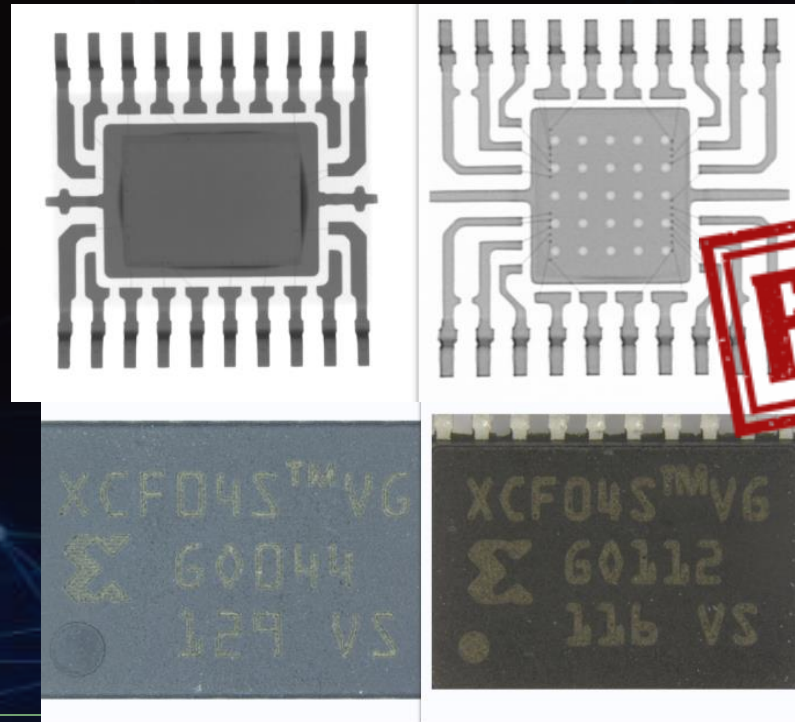
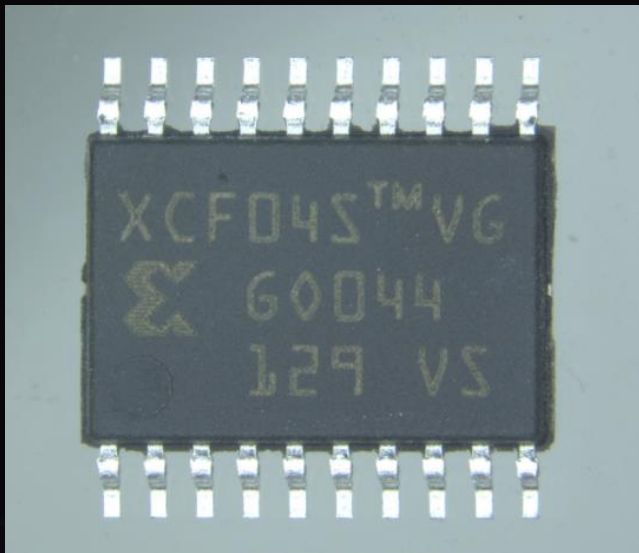
Part Number	Brand	Country of Manufacture	Date Code
MAL214699105E3	VISHAY	Austria	24



3.25 XILINX

BRIOCEAN

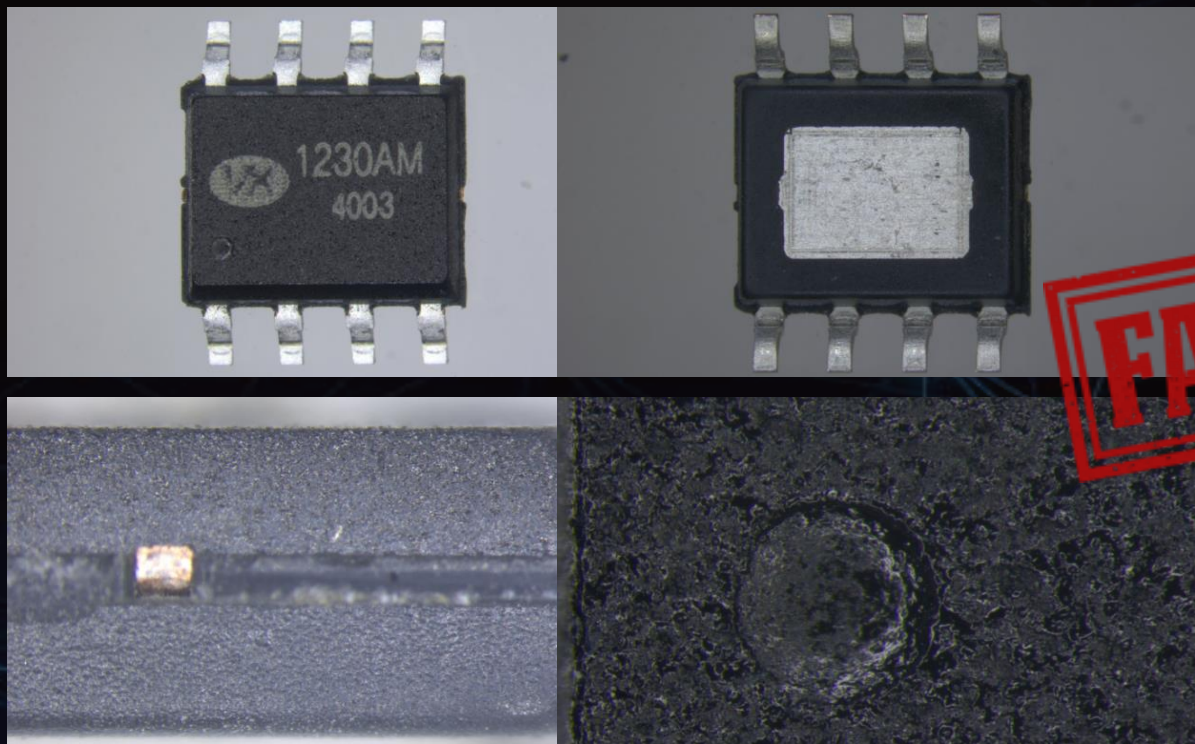
Part Number	Brand	Country of Manufacture	Date Code
XCF04SVOG20C	XILINX	/	20



3.26 YUXIN

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
YX-1230AM	YUXIN	/	24



Briocean Technology

THANK YOU

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