

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

November 2023
Edition

A large, stylized diamond shape is centered on the left side of the slide. It has a green-to-yellow gradient and is superimposed 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 QA centres, separately in Shenzhen and Hong Kong, each with an approximate area of 1,000 square metres. The centres have over 60 state-of-the-art professional testing equipment and more than 50 qualified inspection engineers.

It adopts the 3-tier international standard quality control(QC) process with the 4th tier outsourced testing to third party as part of our strategic partnership. These enable us to ensure that we only deliver authentic quality components to our clients.

Briocean's QA centre is internationally recognised, meeting IDEA, ISO 17025 and ISO 9001:2015 standards. We are also an ERAI member.



1.2 Briocean Quality Assurance Centre

BRIOCEAN

As an industry leader in QC, 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 November 2023.

02

Tier-1 Inspection Interception List

2.1 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 QA database.

Counterfeit Interception Rate:



*List is arranged in alphabetical order.

2.2 INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
IRFR5305TRPBF	INFINEON TECHNOLOGIES	CHINA	23+



FAILED

2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FS50R12W2T4	INFINEON TECHNOLOGIES	HUNGARY	21+

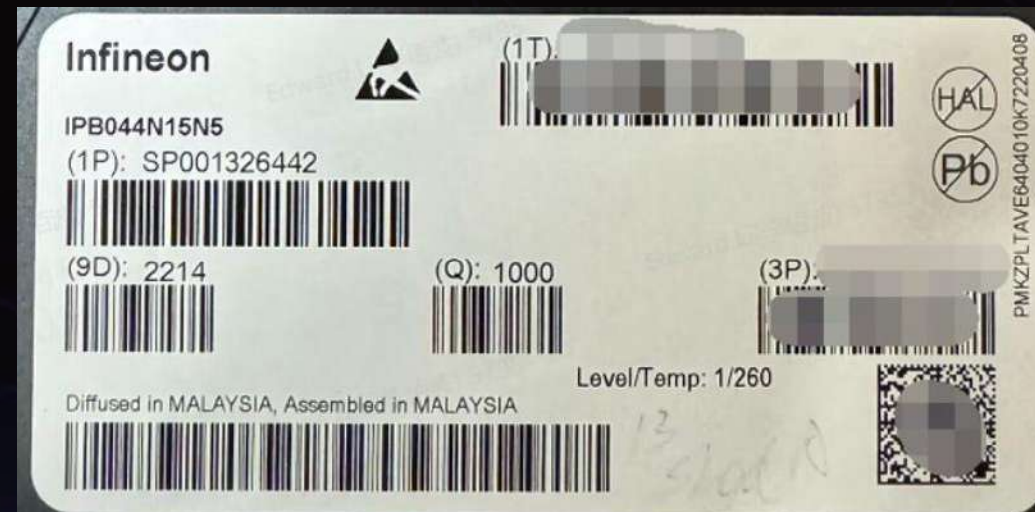


FAILED

2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IPB044N15N5	INFINEON TECHNOLOGIES	MALAYSIA	2214



2.3 INTEL CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EP2S130F1020I4N	INTEL CORPORATION	KOREA	20+



2.3 INTEL CORPORATION

Part Number	Brand	Country of Manufacture	Date Code
EP2S130F1020I4N	INTEL CORPORATION	KOREA	2125



FAILED

2.4 IXYS CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
VUO25-12NO8	IXYS CORPORATION	GM	2319



FAILED

2.5 LITTELFUSE INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
P4SMA18A	LITTELFUSE INC	CHINA	21+



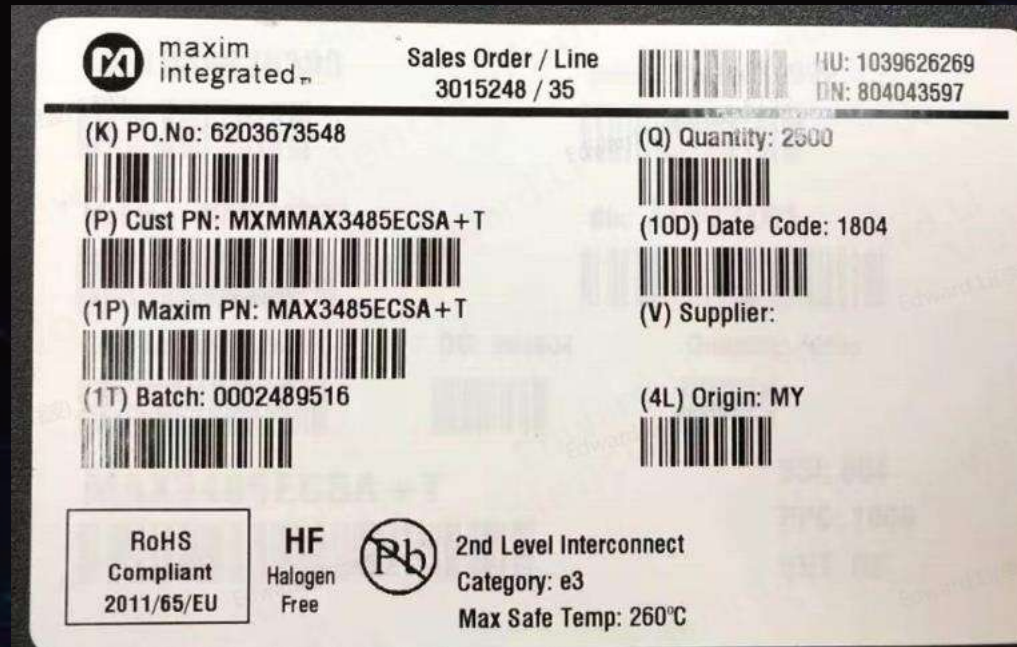
FAILED

2.6

MAXIM INTEGRATED

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MAX3485ECSA+T	MAXIM INTEGRATED	MALAYSIA	1804

**FAILED**

2.6 MAXIM INTEGRATED

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MAX3232EUE+T	MAXIM INTEGRATED	PHILIPPINES	2221



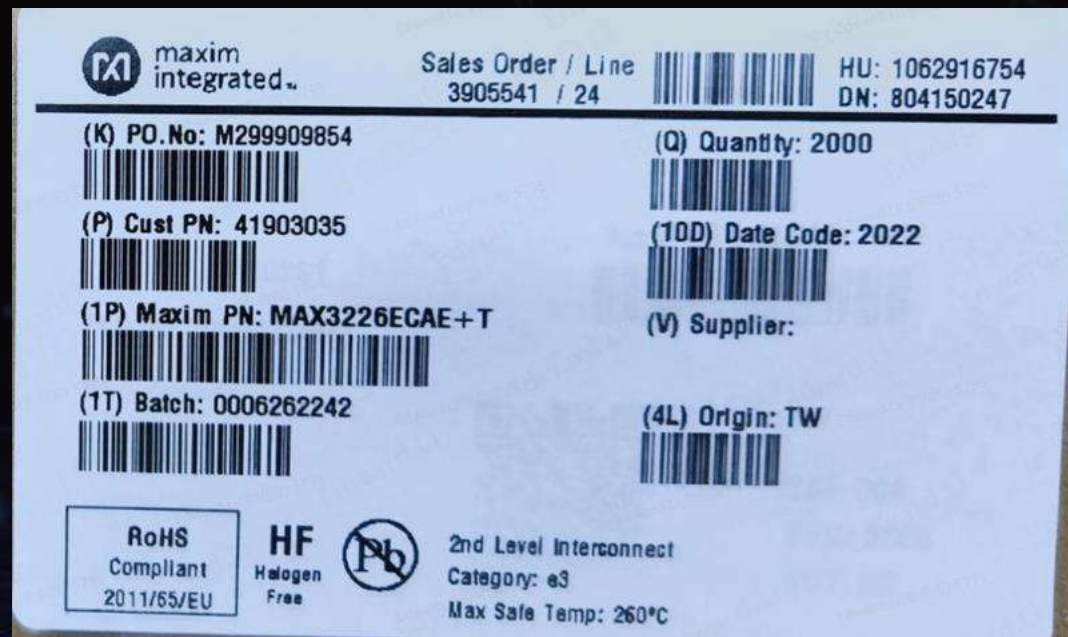
FAILED

2.6

MAXIM INTEGRATED

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
MAX3226ECAE+T	MAXIM INTEGRATED	TAIWAN,CHINA	20+

**FAILED**

2.7

MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AT91SAM9X25-CU	MICROCHIP TECHNOLOGY	MALAYSIA	22+

**FAILED**

2.8 MURATA MANUFACTURING

BRIOCEAN

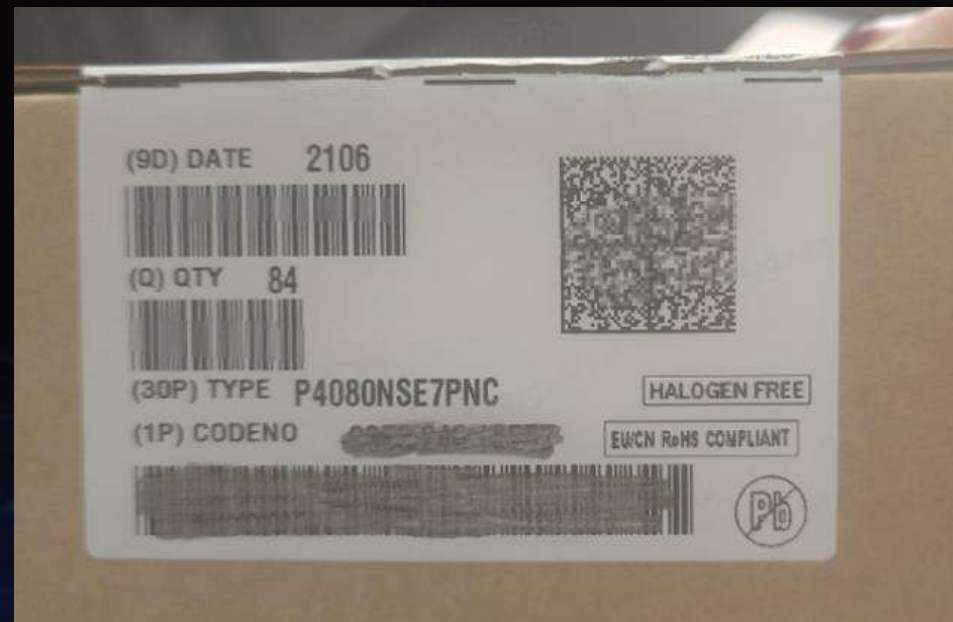
Part Number	Brand	Country of Manufacture	Date Code
SLF7055T-4R7N3R1-3PF	MURATA MANUFACTURING	CHINA	23+



FAILED

2.9 NXP SEMICONDUCTORS

Part Number	Brand	Country of Manufacture	Date Code
P4080NSE7PNC	NXP SEMICONDUCTORS	UNKNOWN	21+



2.9 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
P4080NSE7PNC	NXP SEMICONDUCTORS	TAIWAN,CHINA	23+



FAILED

2.9 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MCIMX6Q6AVT10ADR	NXP SEMICONDUCTORS	KOREA	22+



FAILED

2.9

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
MPC8270CVRMIBA	NXP SEMICONDUCTORS	MALAYSIA	UNKNOWN



2.9 NXP SEMICONDUCTORS

Part Number	Brand	Country of Manufacture	Date Code
SA602AD/01,118	NXP SEMICONDUCTORS	THAILAND	21+

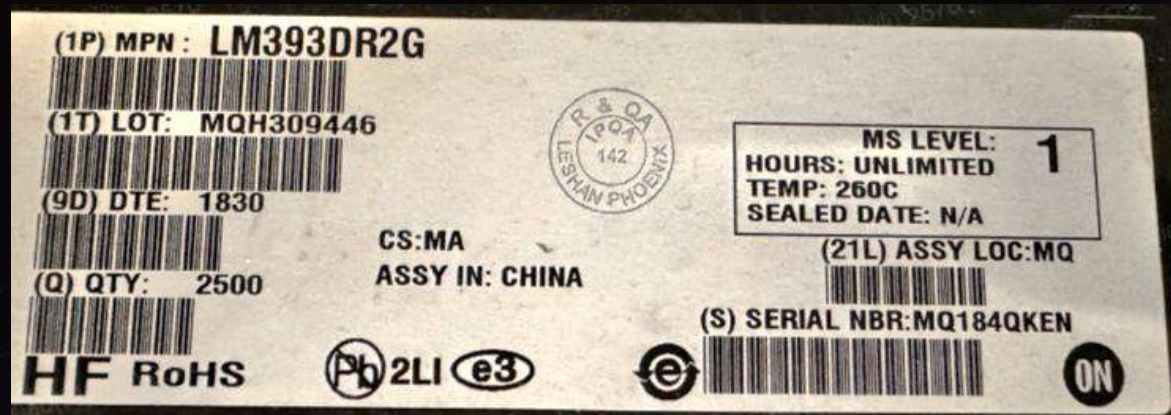


FAILED

2.10 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM393DR2G	ON SEMICONDUCTOR	CHINA	18+



FAILED

2.10 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TIP41CTU -F129	ON SEMICONDUCTOR	CHINA	21+



FAILED

2.10 ON SEMICONDUCTOR

BRIOCEAN

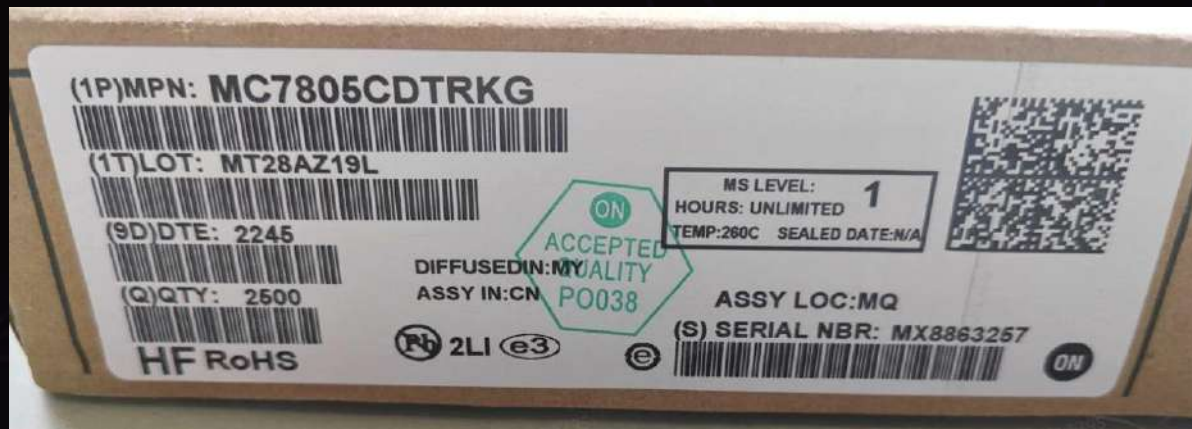
Part Number	Brand	Country of Manufacture	Date Code
LWP473-Q2S1-FKPL-1-10-R18-Z	ON SEMICONDUCTOR	CHINA	22+



2.10 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MC7805CDTRKG	ON SEMICONDUCTOR	CHINA	22+



FAILED

2.10 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TIP41CTU-F129	ON SEMICONDUCTOR	CHINA	21+

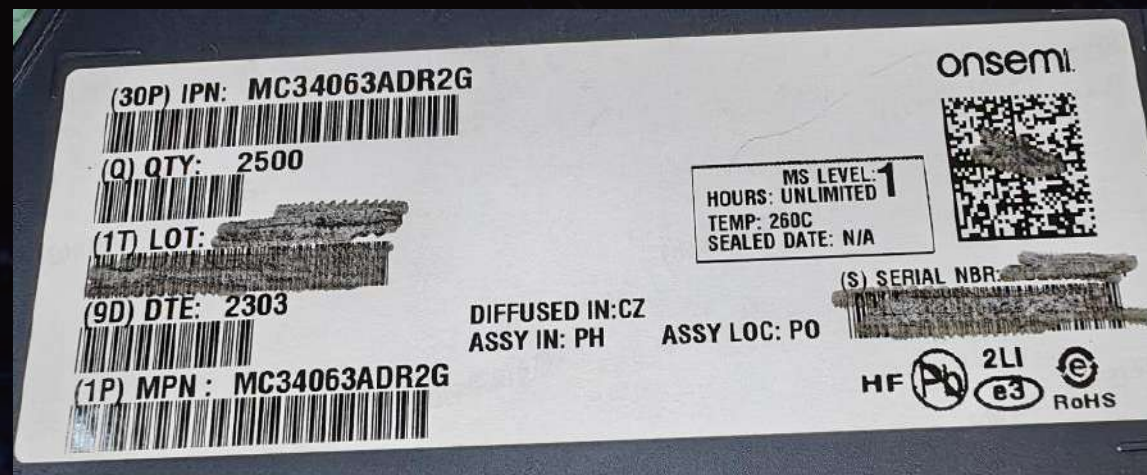


FAILED

2.10 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MC34063ADR2G	ON SEMICONDUCTOR	PHILIPPINES	23+



FAILED

2.11 PANASONIC CONNECT

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ERA1AEB101	PANASONIC CONNECT	JAPAN	UNKNOWN



FAILED

2.12 PULSE ELECTRONICS

BRIOCEAN

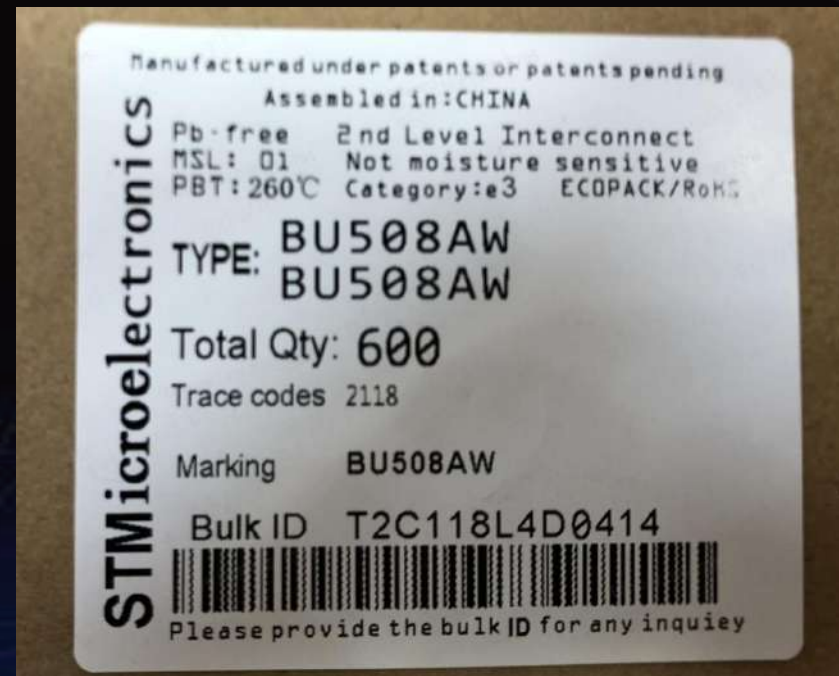
Part Number	Brand	Country of Manufacture	Date Code
HM2103NLT	PULSE ELECTRONICS	CHINA	23+



2.13 ST MICROELECTRONICS

BRIOCEAN

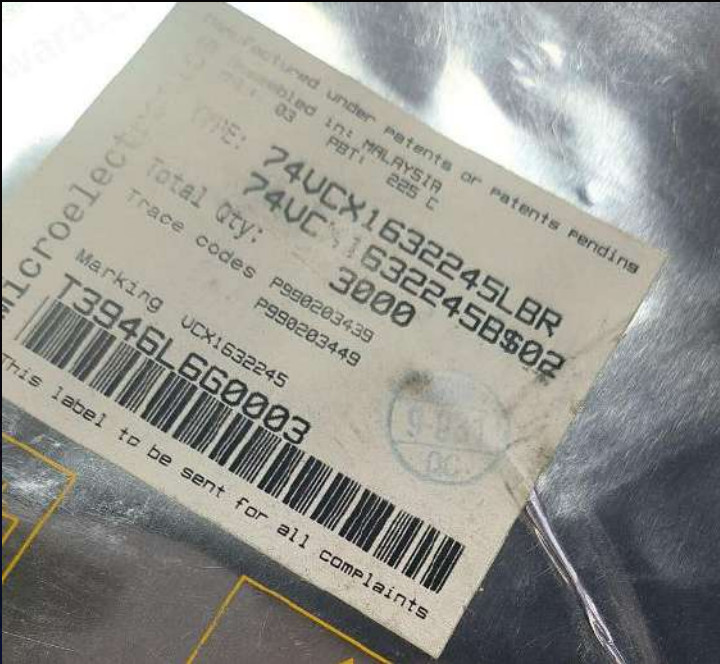
Part Number	Brand	Country of Manufacture	Date Code
BU508AW	ST MICROELECTRONICS	CHINA	21+



FAILED

2.13 ST MICROELECTRONICS

Part Number	Brand	Country of Manufacture	Date Code
74VCX1632245LBR	ST MICROELECTRONICS	MALAYSIA	19+

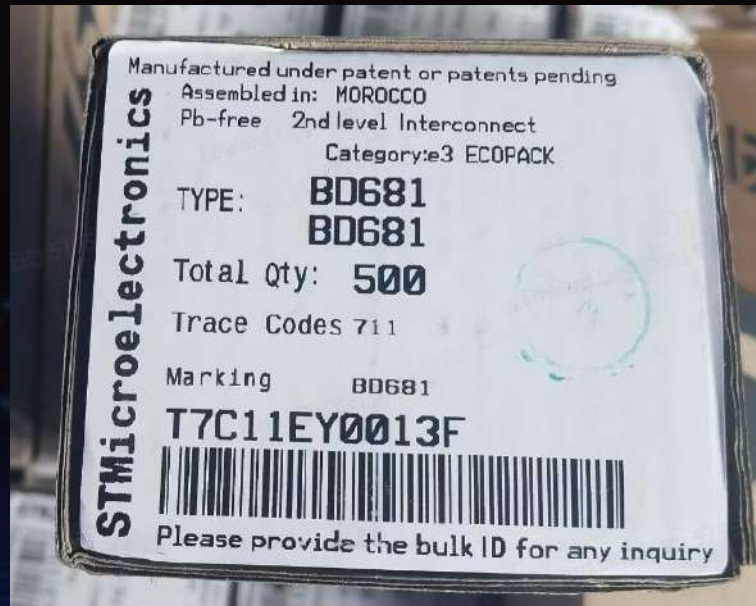


FAILED

2.13 ST MICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BD681	ST MICROELECTRONICS	MOROCCO	21+



FAILED

2.14 TEXAS INSTRUMENTS INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA2277U/2K5	TEXAS INSTRUMENTS INC	MALAYSIA	22+



FAILED

2.14 TEXAS INSTRUMENTS INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA657N/250	TEXAS INSTRUMENTS INC	MALAYSIA	21+



FAILED

2.14 TEXAS INSTRUMENTS INC

BRIOCEAN

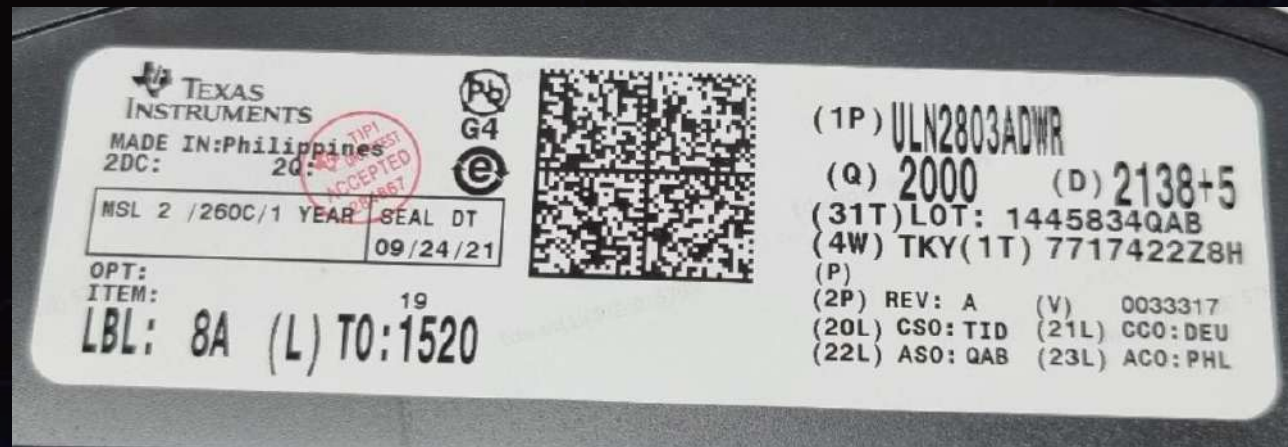
Part Number	Brand	Country of Manufacture	Date Code
SN75176BP	TEXAS INSTRUMENTS INC	MALAYSIA	17+



2.14 TEXAS INSTRUMENTS INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ULN2803ADWR	TEXAS INSTRUMENTS INC	PHILIPPINES	21+



FAILED

2.15 VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
VLMW11R2S2-5K8L-08	VISHAY INTERTECHNOLOGY	MALAYSIA	21+



FAILED

2.15 VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SI4090DY-T1-GE3	VISHAY INTERTECHNOLOGY	PHILIPPINES	2111



2.16 YAGEO CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SR1210JR-07240RL	YAGEO CORPORATION	UNKNOWN	22+



FAILED



03

Tier-2 Inspection Interception List

3.1 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:

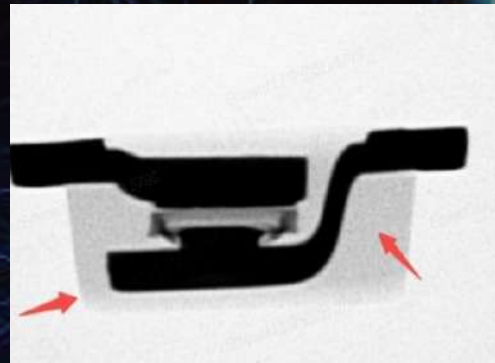
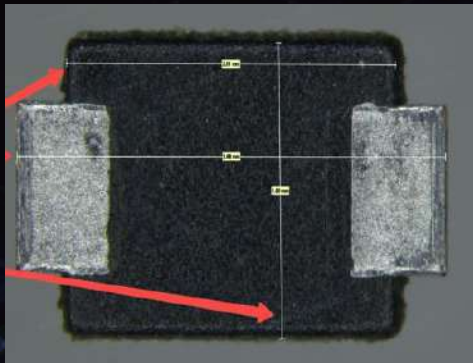
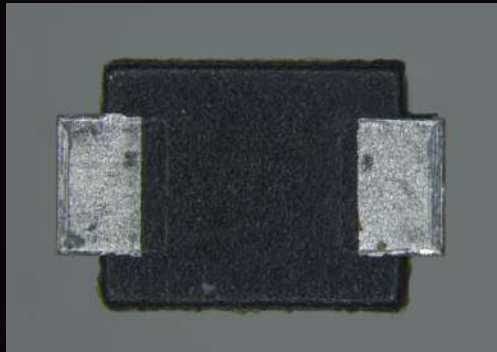


*List is arranged in alphabetical order.

3.2 MCC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SMF28A-TP	MCC	UNKNOWN	21+

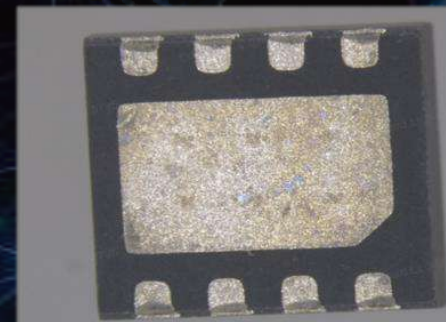
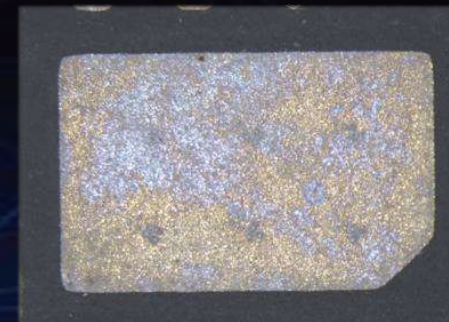
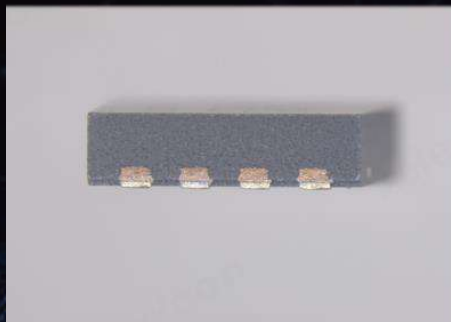
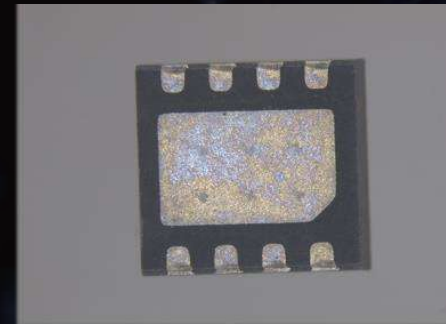
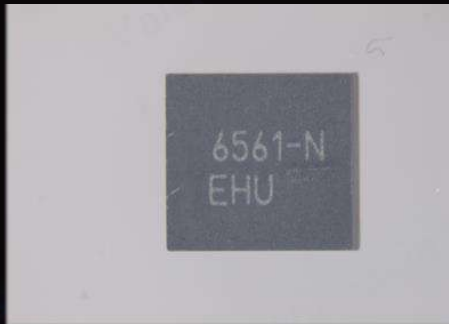


FAILED

3.3 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ATA6561-GBQW-N	MICROCHIP TECHNOLOGY	UNKNOWN	23+

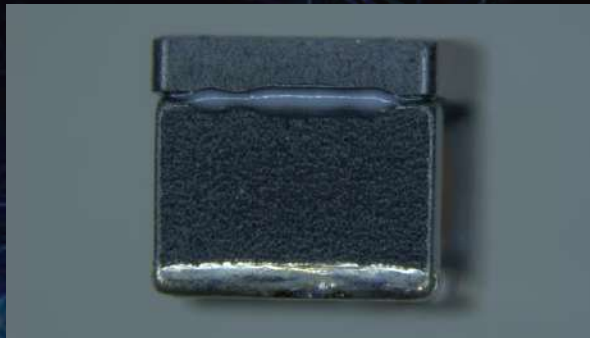
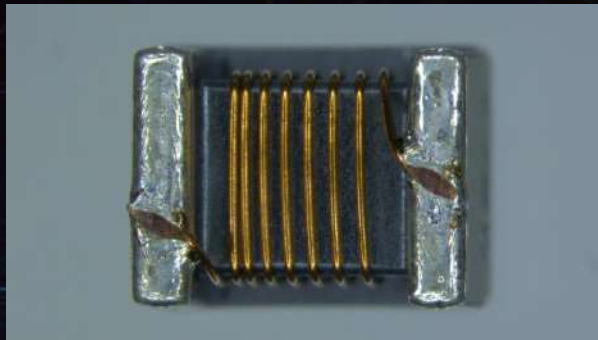
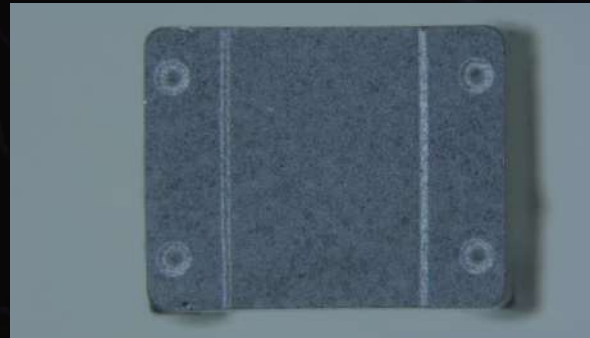
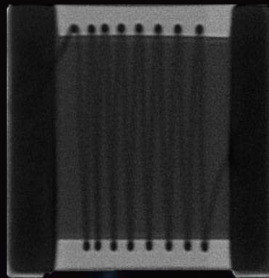
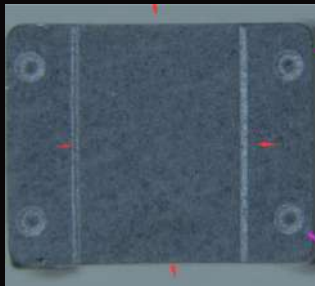


FAILED

3.4 MURATA

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LQW32FT2R2M0HL	MURATA	UNKNOWN	UNKNOWN

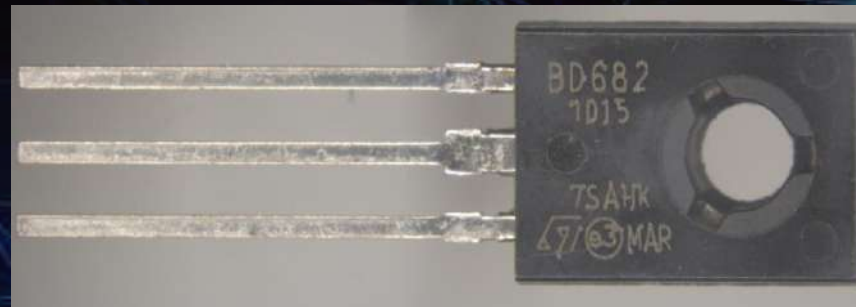
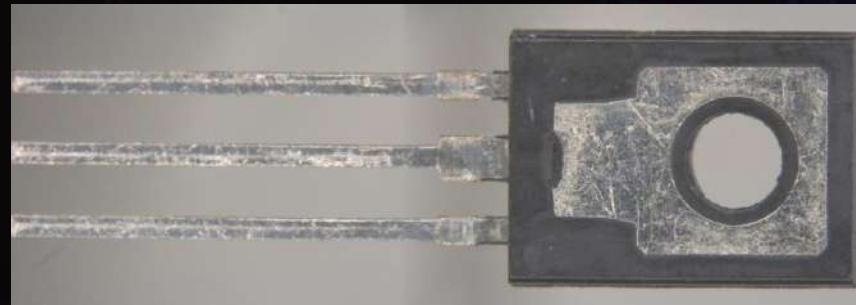
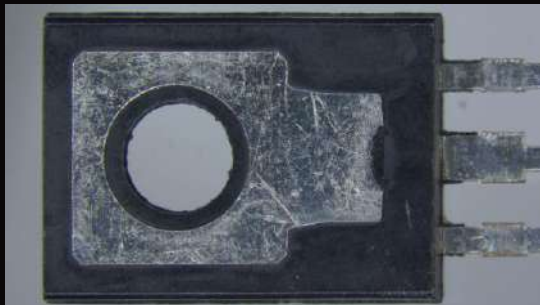


FAILED

3.5 ST MICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BD682	ST MICROELECTRONICS	MAROC	UNKNOWN



FAILED

Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing