

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

February 2024 Edition

A large, diamond-shaped graphic is positioned on the left side of the slide. It has a green-to-yellow gradient and is centered within a white square frame. The word "AGENDA" is written in bold, black, uppercase 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 equipments 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, ESD S20.20 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 February 2024.

02

Tier-1 Inspection Interception List

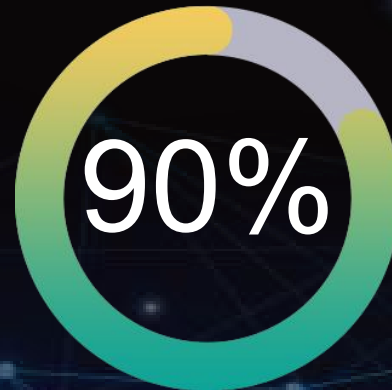
2.0 Tier-1 Inspection Interception List

BRIOCEAN

Labelling & Packaging Verification

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

Counterfeit Interception Rate:



*List is arranged in alphabetical order.

2.1 KEMET

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
C2225C154KDRACTU	KEMET	MEXICO	2212

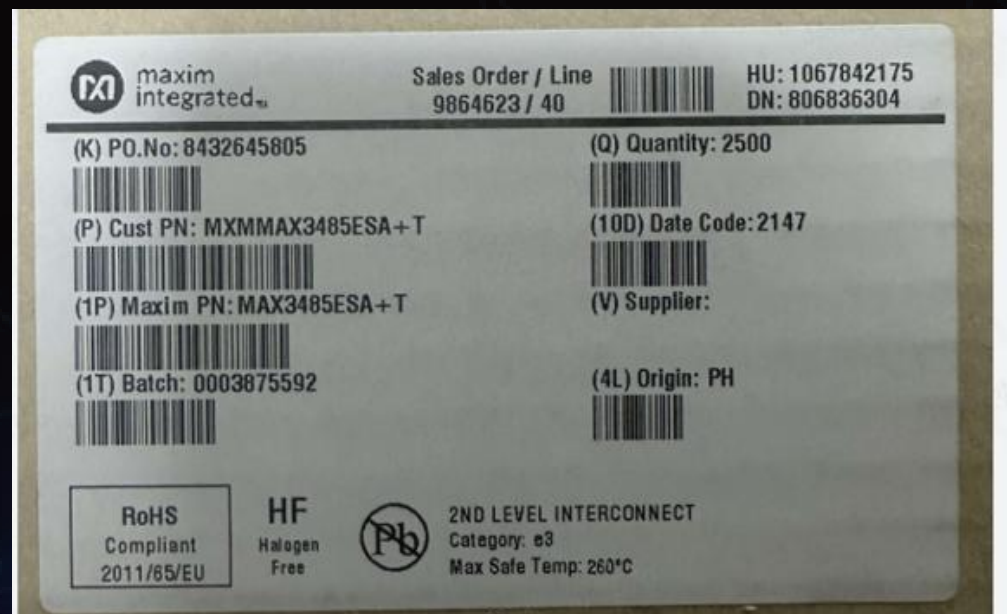


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2.2 MAXIM

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MAX3485ESA+T	MAXIM	PH	2147

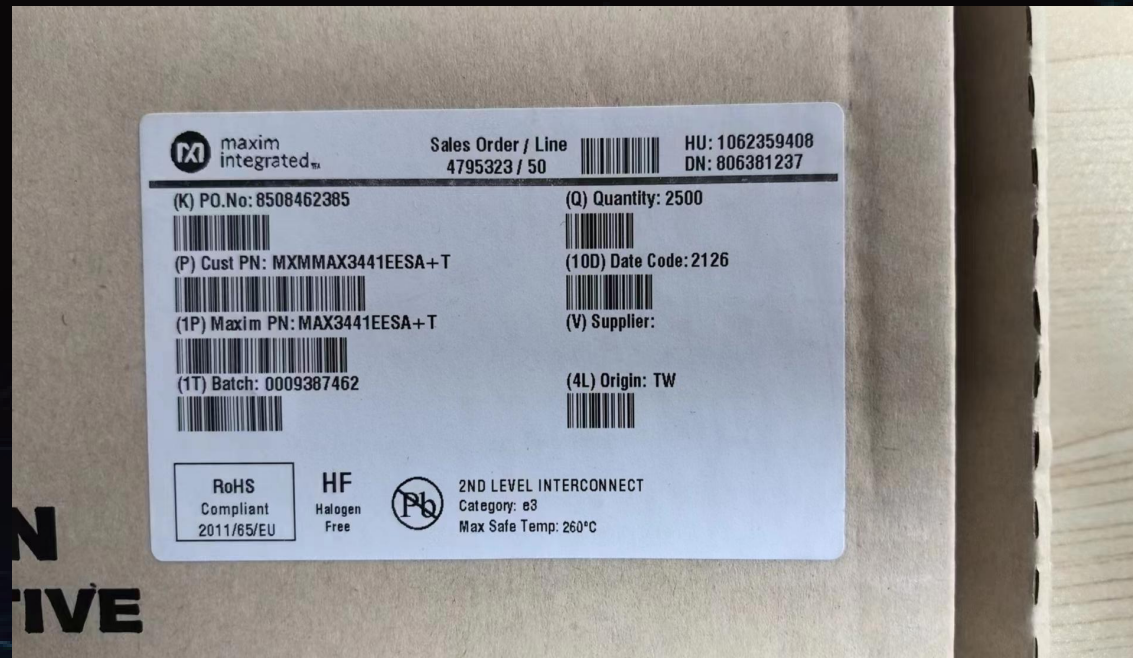


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2.2 MAXIM

BRIOCEAN

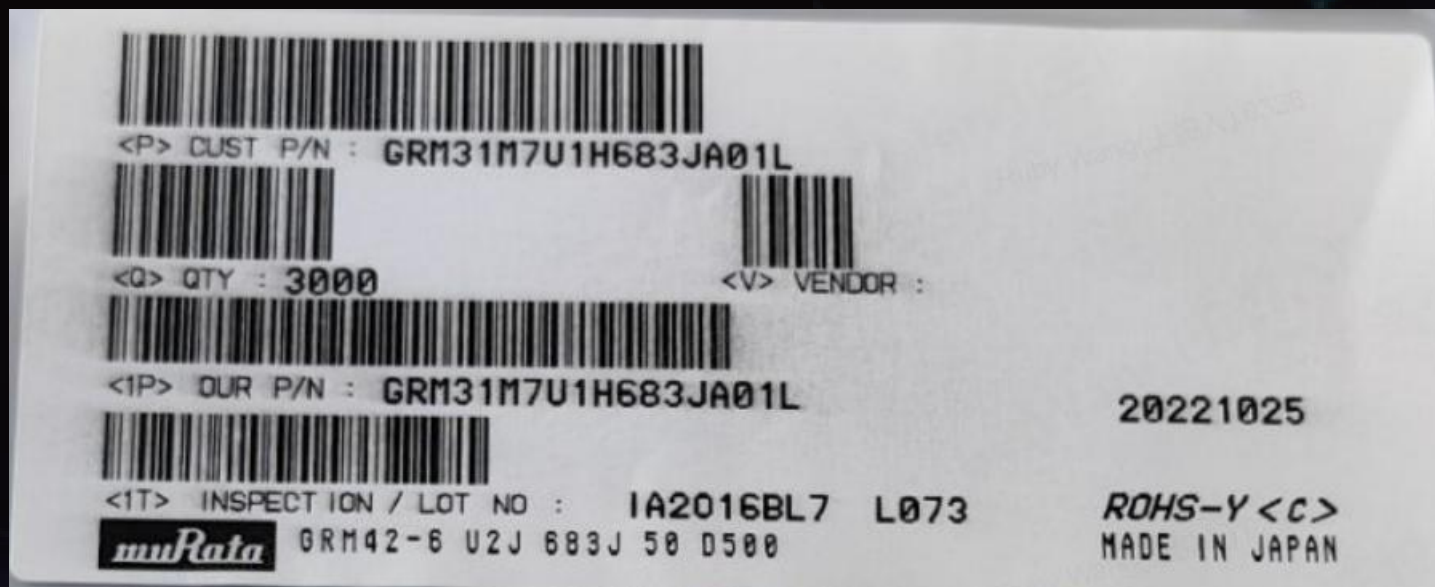
Part Number	Brand	Country of Manufacture	Date Code
MAX3441EESA+T	MAXIM	CHINA,TAIWAN	2126



2.3 MURATA

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
GRM31M7U1H683JA01L	MURATA	JAPAN	20221025

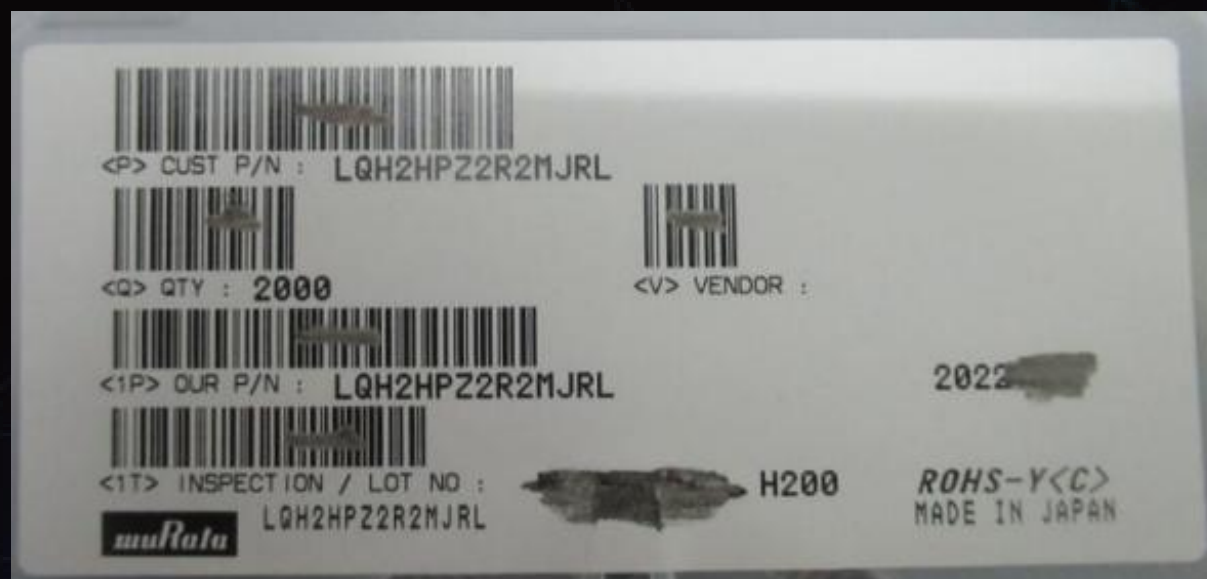


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2.3 MURATA

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LQH2HPZ2R2MJRL	MURATA	JAPAN	2022



FAILED

2.3 MURATA

BRIOCEAN

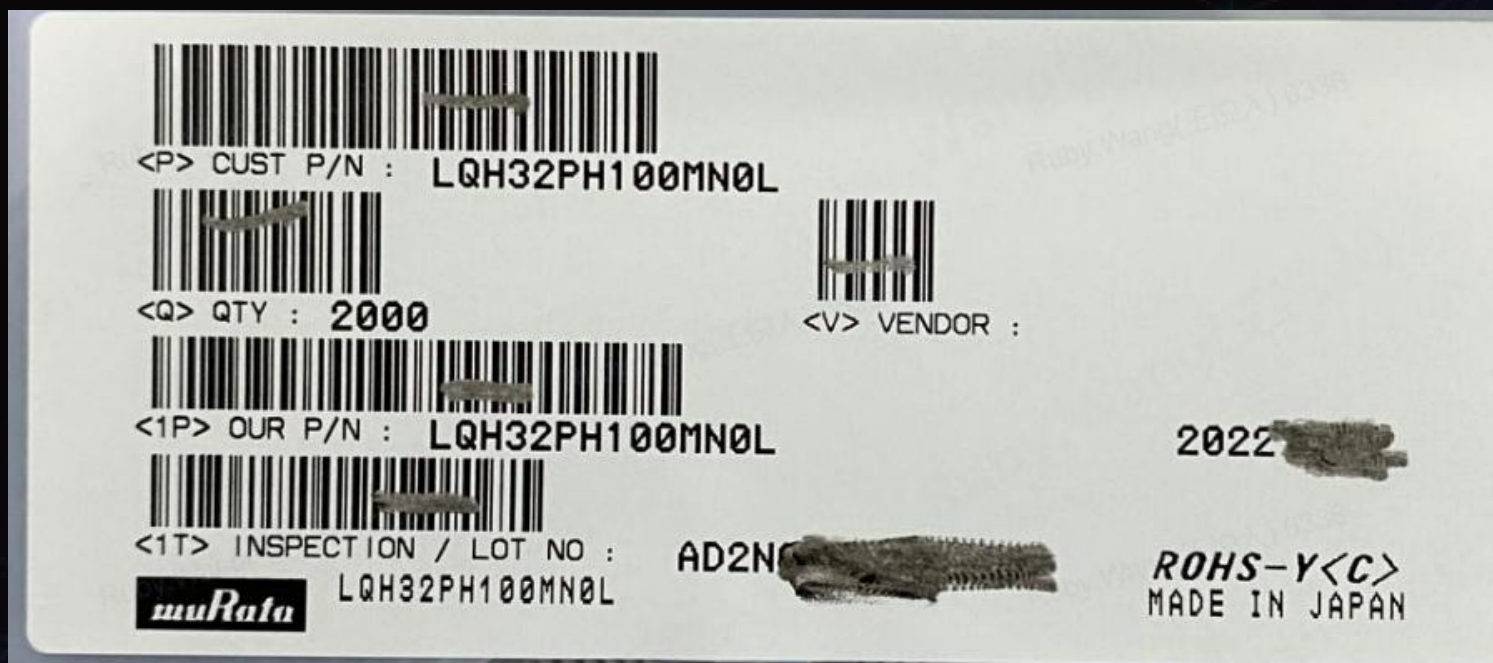
Part Number	Brand	Country of Manufacture	Date Code
LQH32MN561K23L	MURATA	JAPAN	2021.9.25



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2.3 MURATA

Part Number	Brand	Country of Manufacture	Date Code
LQH32PH100MN0L	MURATA	JAPAN	2022



FAILED

2.3 MURATA

Part Number	Brand	Country of Manufacture	Date Code
LQH32PH2R2NN0L	MURATA	JAPAN	2022



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2.4 ON SEMICONDUCTOR

BRIOCEAN

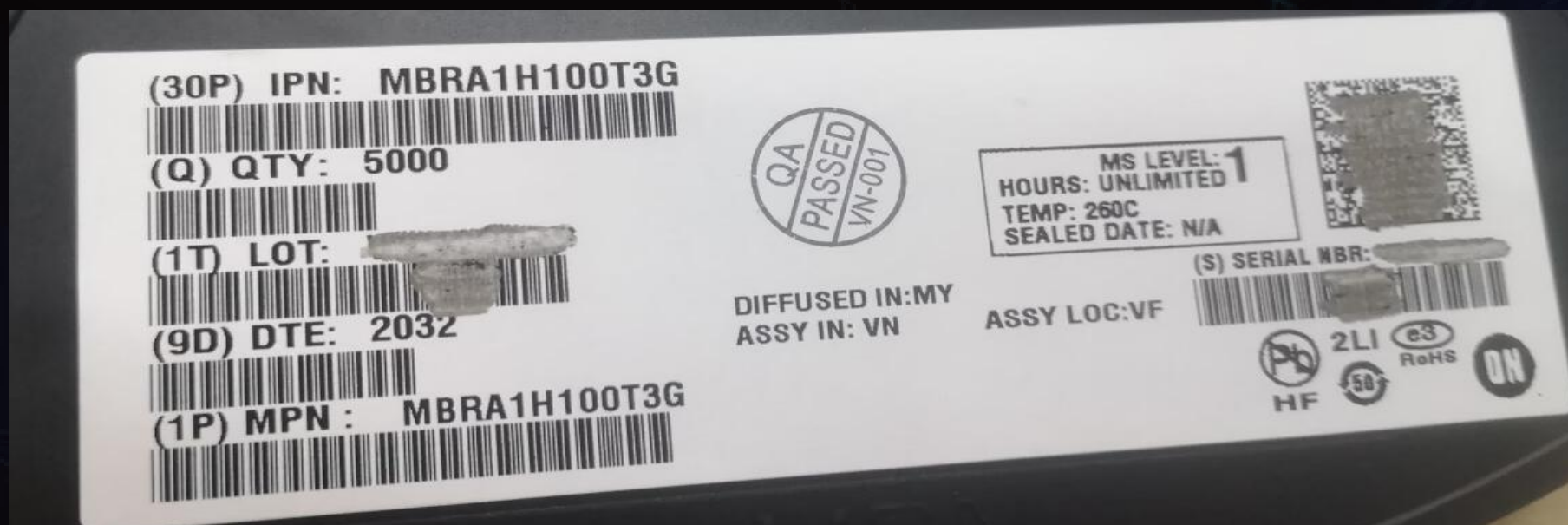
Part Number	Brand	Country of Manufacture	Date Code
1N58 17RLG	ON SEMICONDUCTOR	CHINA	2136



2.4 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRA1H100T3G	ON SEMICONDUCTOR	VN	2032



2.4 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MOC3062M	ON SEMICONDUCTOR	KR	2309



2.5 PANASONIC

BRIOCEAN

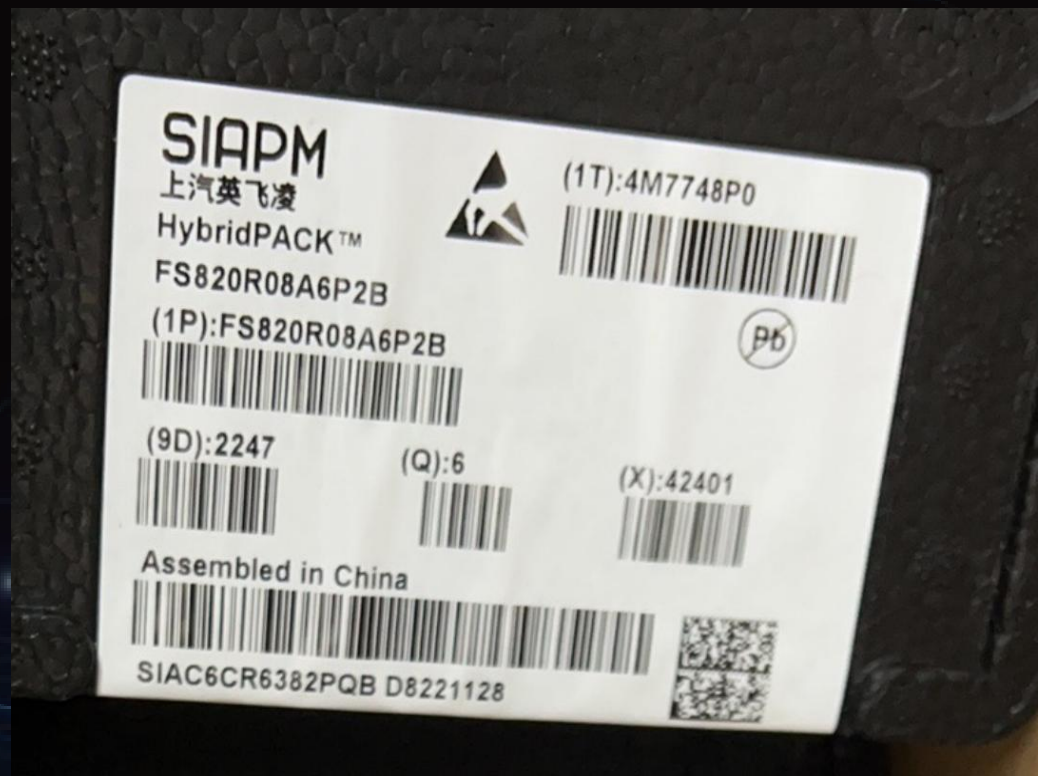
Part Number	Brand	Country of Manufacture	Date Code
2R5TPE470MI	PANASONIC	ID	2022



2.6 SIAPM

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FS820R08A6P2B	SIAPM	CHINA	2247

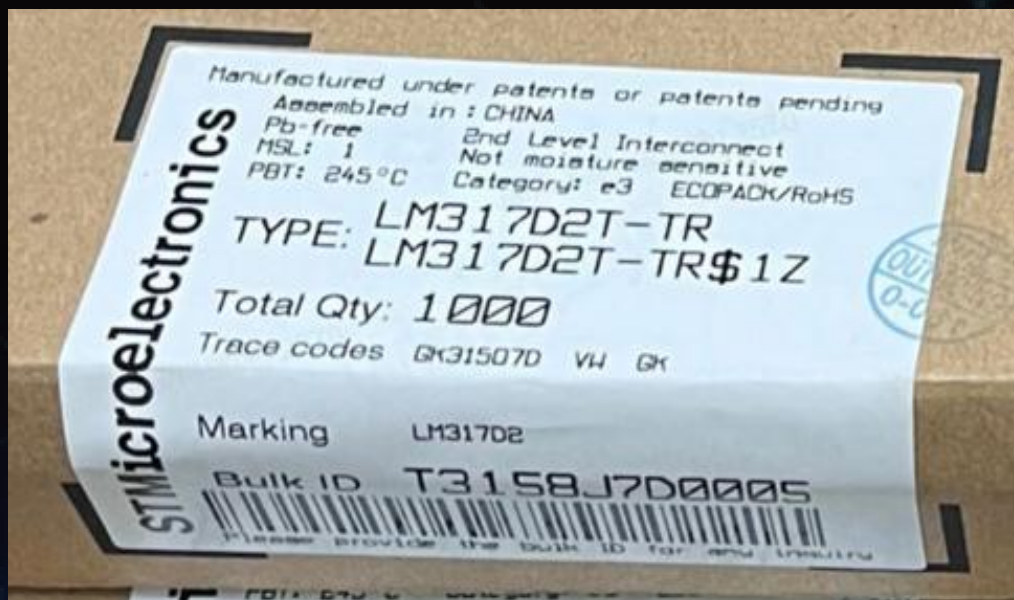


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2.7 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM317D2T-TR	STMICROELECTRONICS	CHINA	/



FAILED

2.8 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BQ76PL455ATPFCRQ1	TEXAS INSTRUMENTS	CHINA,TAIWAN	21+/22+

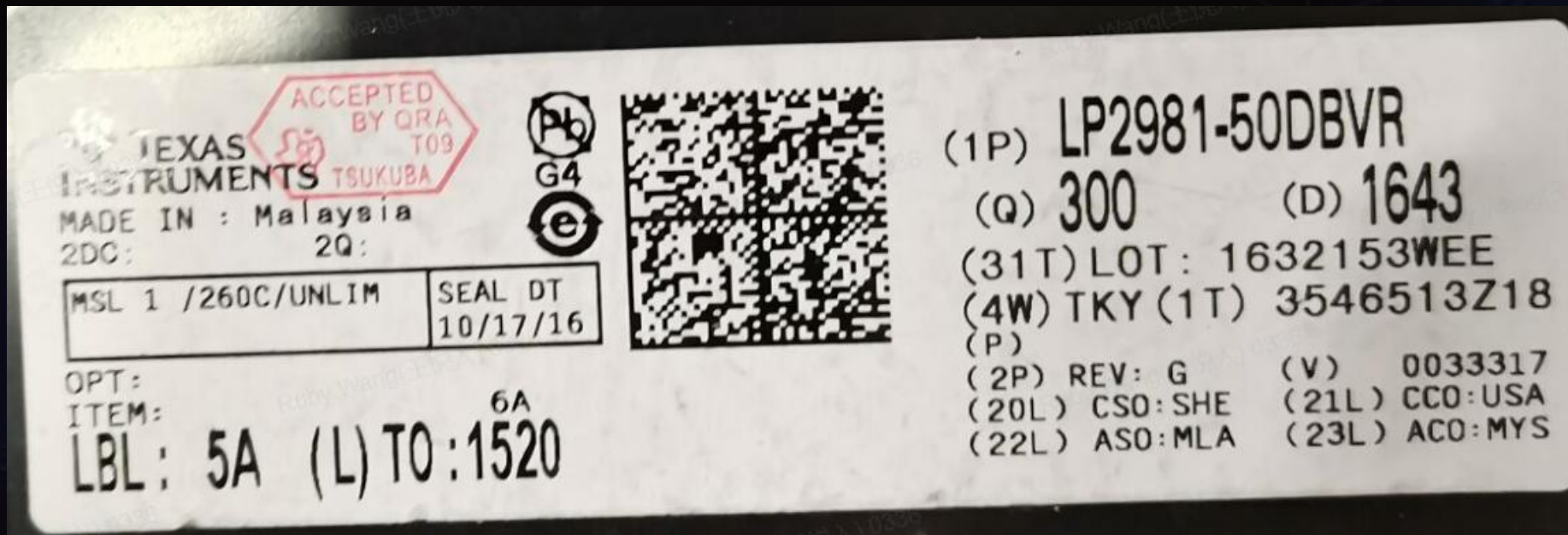


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2.8 TEXAS INSTRUMENTS

BRIOCEAN

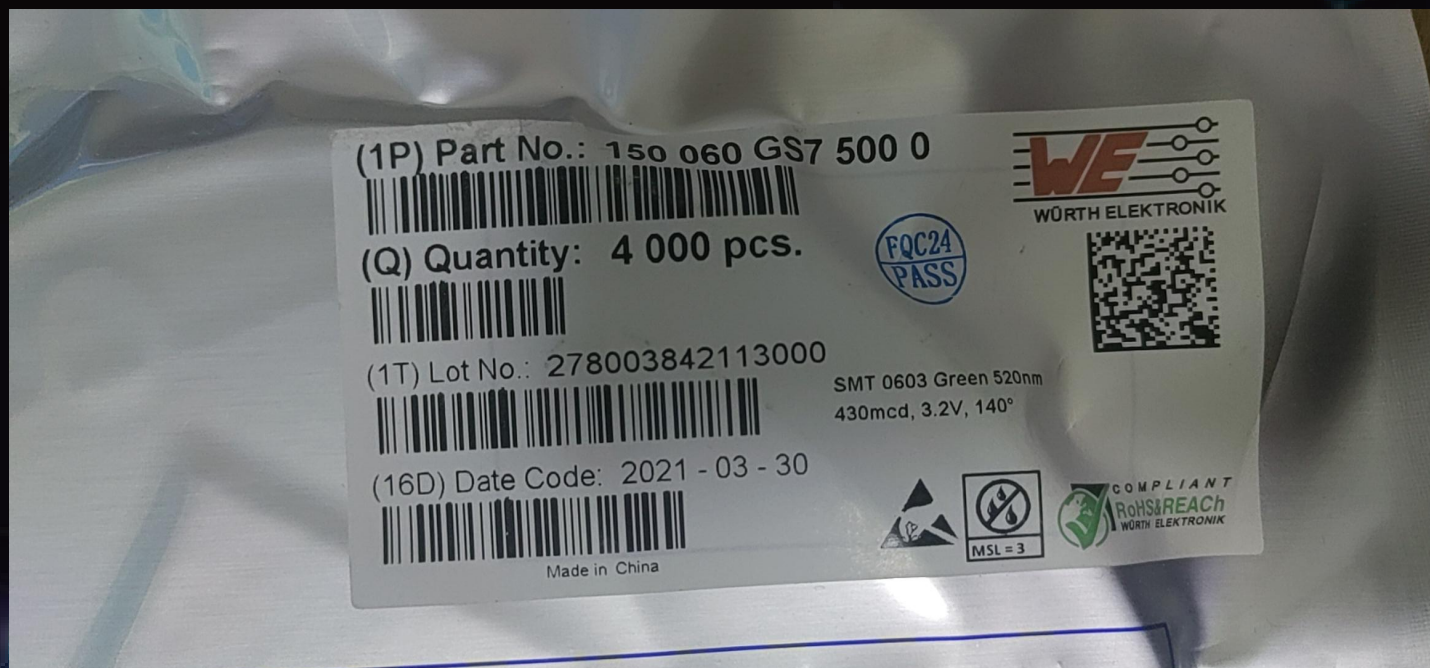
Part Number	Brand	Country of Manufacture	Date Code
LP2981-50DBVR	TEXAS INSTRUMENTS	MALAYSIA	1643



2.9 WURTH

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
150060GS75000	WURTH	CHINA	2021-03-30



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:

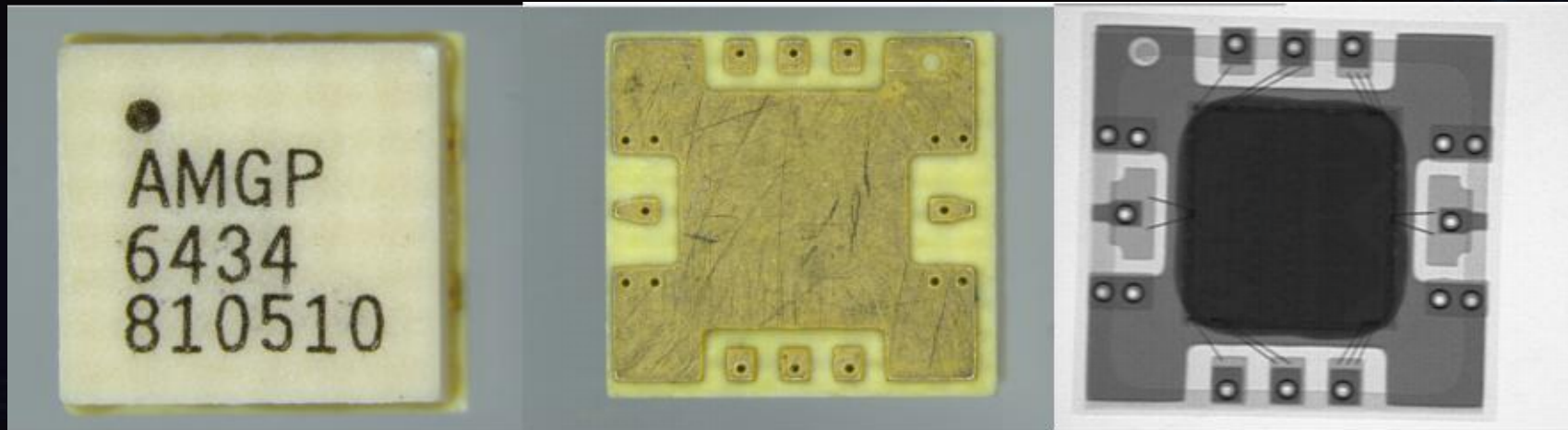


*List is arranged in alphabetical order.

3.1 AVAGO

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AMGP-6434-TR2G	AVAGO	MALAYSIA	/

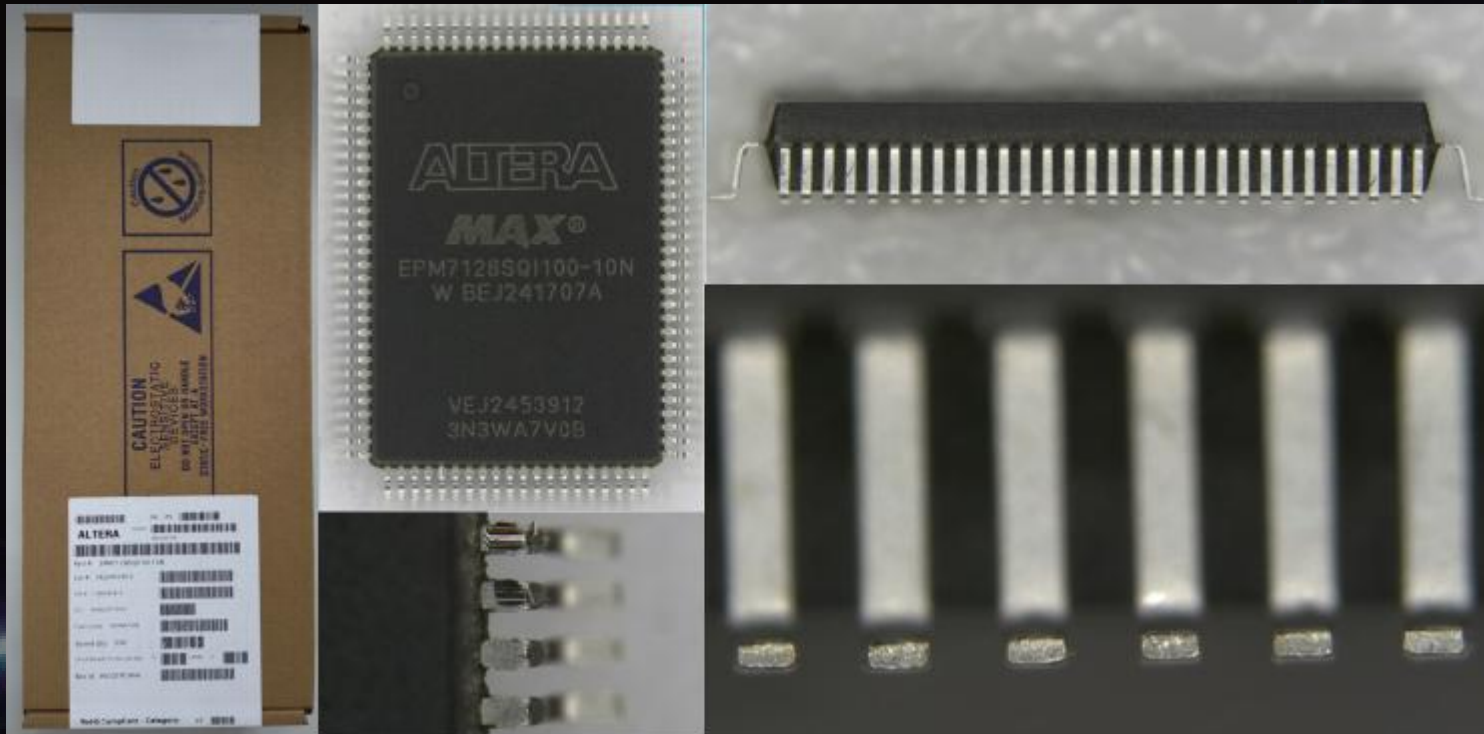


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3.2 INTEL

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EPM7128SQI100-10N	INTEL	MALAYSIA	1707

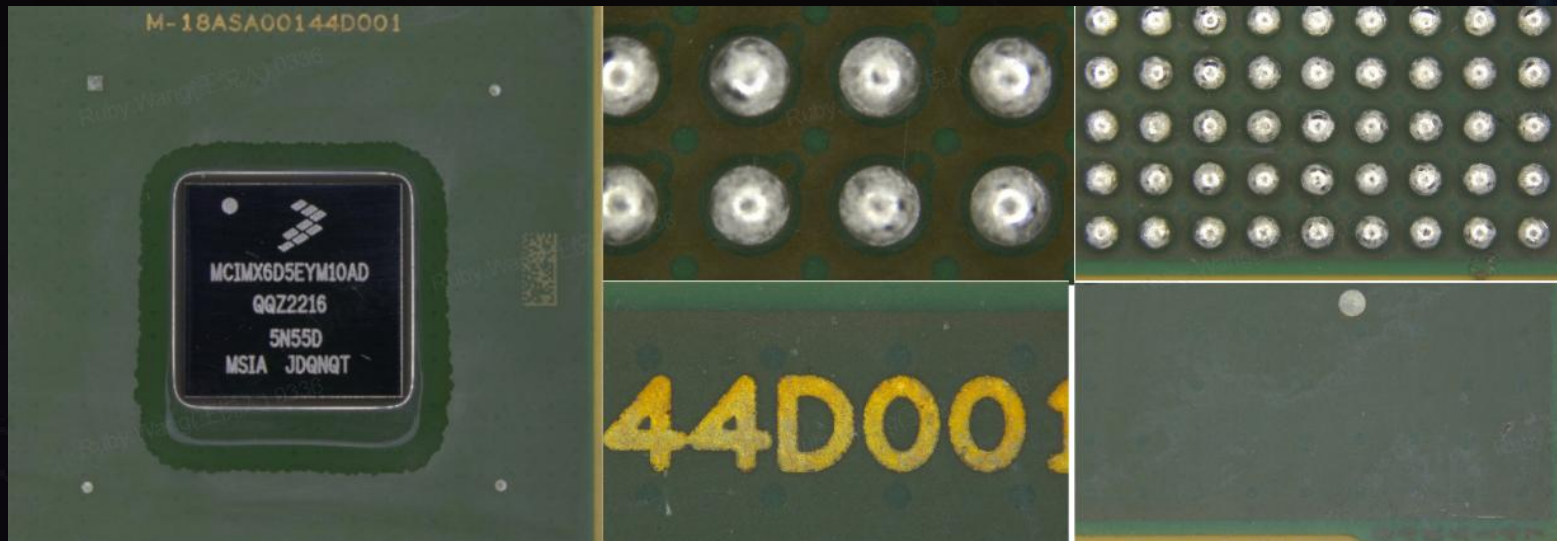


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3.3 NXP SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MCIMX6D5EYM10AD	NXP SEMICONDUCTOR	MALAYSIA	2216/2247

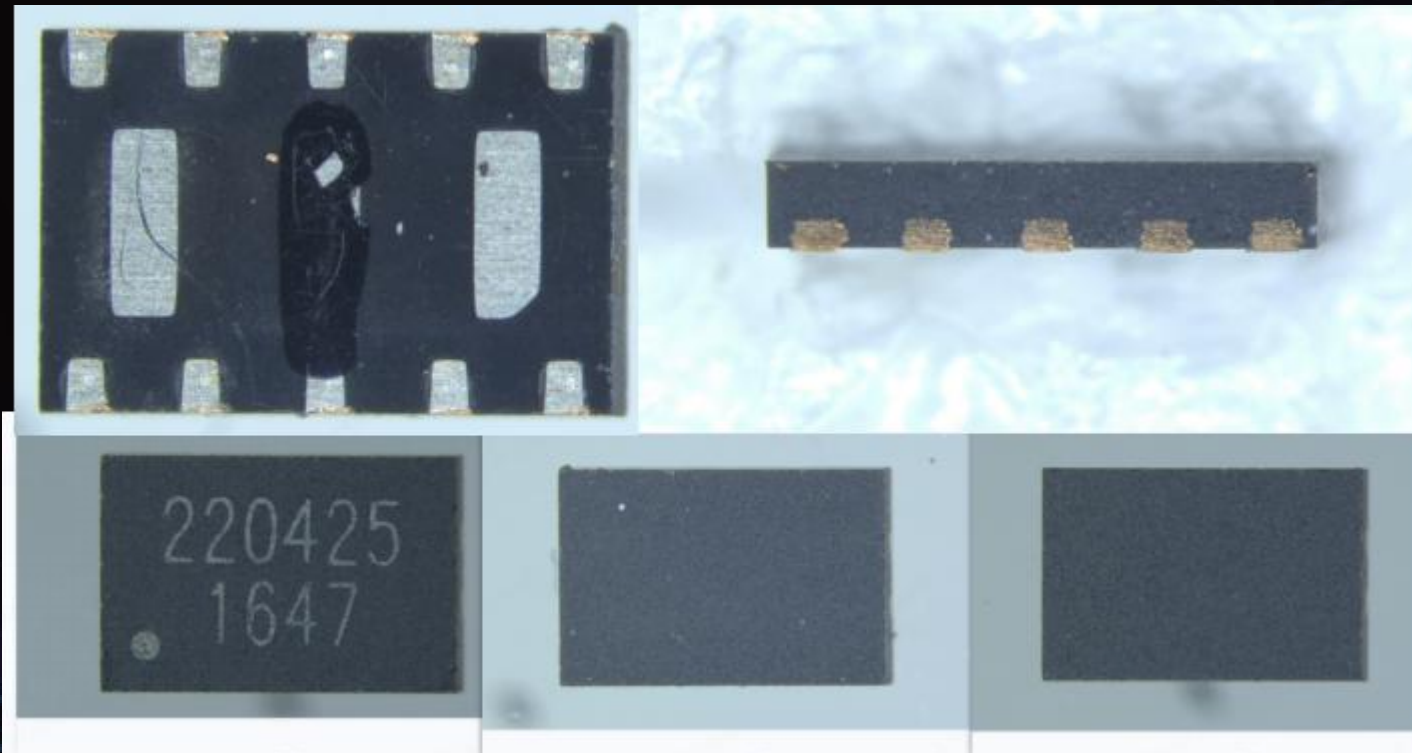


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3.4 TITAN

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TS2524PS	TITAN	CHINA	1647



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Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing