

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

May 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 a bold, black, sans-serif font 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

01 Brioccean Quality Assurance Centre

BRIOCCEAN

Brioccean 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 and follow a STAR Quality Assurance Framework. These enable us to ensure that we only deliver authentic quality components to our clients.



01 Brioclean Quality Assurance Centre

BRIOCLEAN

As an industry leader in QC, Brioclean 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 Brioclean QA Centre's inspection engineers. This list comprises of the shipments intercepted in the month of May 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.

Part Number	Brand	Country of Manufacture	Date Code
ASDMB-54.000MHZ-EC-T	ABRACON	CHINA	2202



Part Number	Brand	Country of Manufacture	Date Code
598-8070-107F	DIALIGHT	CHINA	20220712



2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSP135 H6327	INFINEON TECHNOLOGIES	CHINA	2228



FAILED

2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FF450R12ME4	INFINEON TECHNOLOGIES	-	2202



2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TLE4264G	INFINEON TECHNOLOGIES	MALAYSIA	2213



2.3 INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
TLE4264G	INFINEON TECHNOLOGIES	MALAYSIA	2116



2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TLE4264G	INFINEON TECHNOLOGIES	MALAYSIA	1902



2.4 INTEL CORPORATION

BRIOCEAN

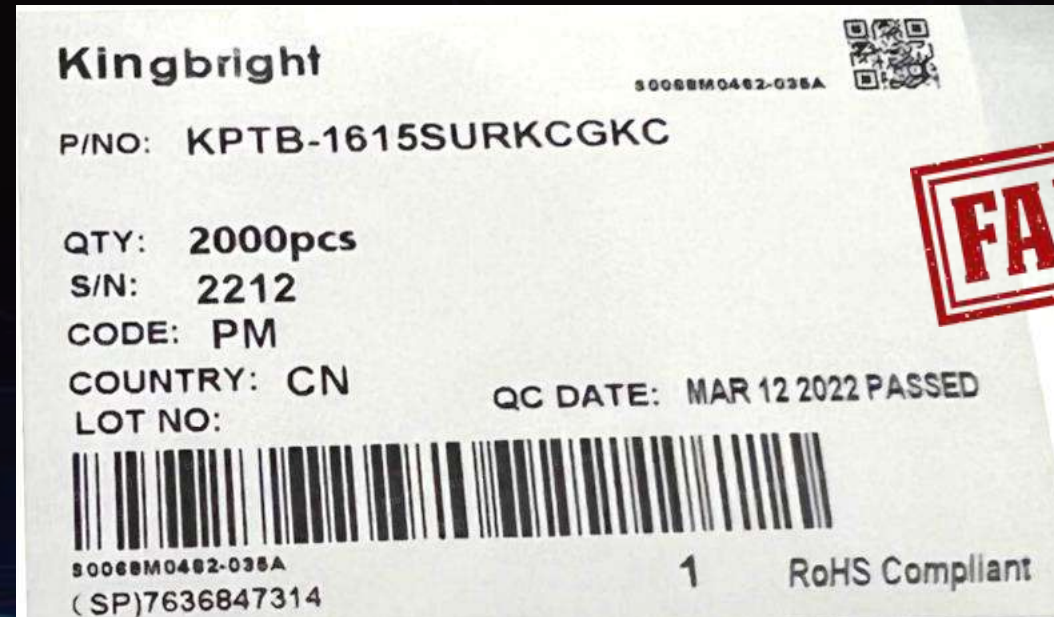
Part Number	Brand	Country of Manufacture	Date Code
EP4CE15F17I7N	INTEL CORPORATION	KOREA	2207



2.5 KINGBRIGHT

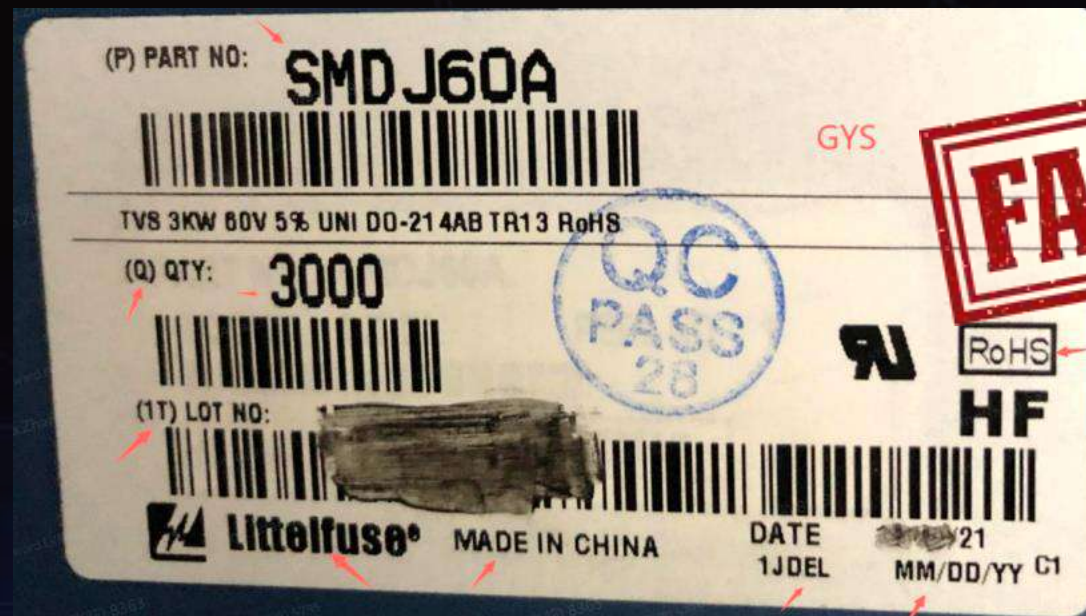
BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
KPTB-1615SURKCGKC	KINGBRIGHT	CHINA	2212



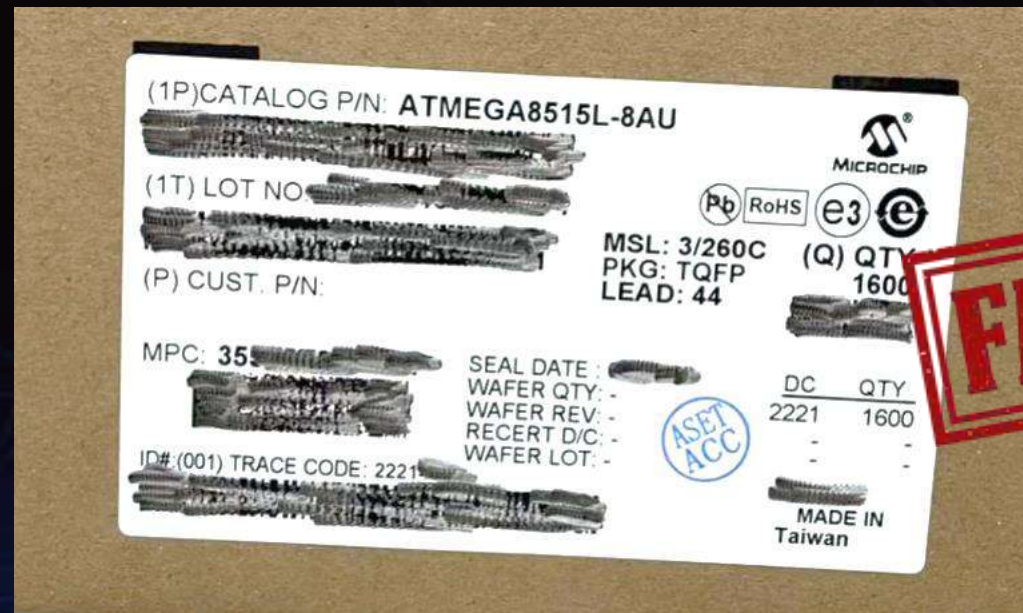
2.6 LITTLEFUSE

Part Number	Brand	Country of Manufacture	Date Code
SMDJ60A	LITTLEFUSE	CHINA	21



2.7 MICROCHIP TECHNOLOGY

Part Number	Brand	Country of Manufacture	Date Code
ATMEGA8515L-8AU	MICROCHIP TECHNOLOGY	TAIWAN,CHINA	2221



2.8 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBR2H200SFT1G	ON SEMICONDUCTOR	VIETNAM	2248



2.8 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
MBRS340T3G	ON SEMICONDUCTOR	VIETNAM	2245



2.8 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
NUD3160LT1G	ON SEMICONDUCTOR	CHINA	2145



2.9 SEMTECH

BRIOCEAN

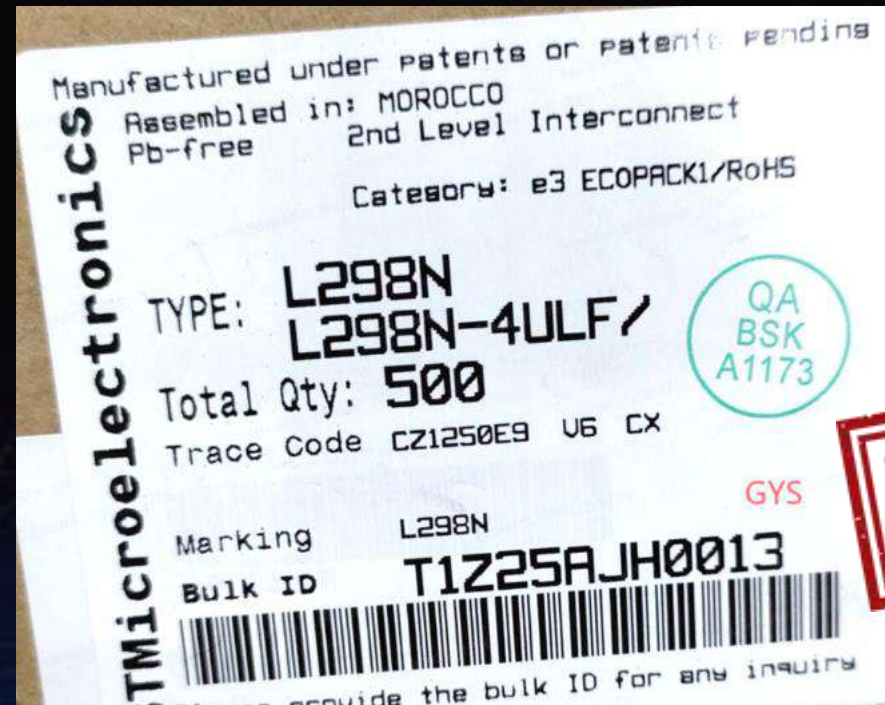
Part Number	Brand	Country of Manufacture	Date Code
UCLAMP0505A.TCT	SEMTECH	CHINA	2248



2.10 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
L298N	STMICROELECTRONICS	MOROCCO	21



2.10 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32F103C8T6	STMICROELECTRONICS	CHINA	21+



2.11 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
C2012C0G2A222J085AA	TDK CORPORATION	CHINA	2306

CUST PROD ID(P) : C2012C0G2A222J085AA 供应商

QTY(Q) : 4000 (6P) : I21600801CHN0000129532

ITEM(1P) : C2012C0G2A222JT000N VDR(V) : TDK

LOT NO(1T) : IS3A20BH02+S001526459 DATE CODE(T) : 2306

Feb/14/2023 MADE IN CHINA S 012/280 TDK SUZHOU CORPORATION

(G085) I21600801SZC10 0000129532 (IS3A20BH02) TDK

FAILED

2.11 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
CGA5L1X7R1V106KT000S	TDK CORPORATION	JAPAN	2312



FAILED

2.11 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
CGA5L3X8R1H105K160AE	TDK CORPORATION	CHINA	2246



2.11 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
CKG57NX7R2E225M500JJ	TDK CORPORATION	CHINA	2216



2.12 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA657NB/250	TEXAS INSTRUMENTS	THAILAND	21+



2.12 TEXAS INSTRUMENTS

BRIOCEAN

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



2.12 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
CDCM61002RHBR	TEXAS INSTRUMENTS	MALAYSIA	2215



FAILED

2.12 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
03853QDCARQ1	TEXAS INSTRUMENTS	TAIWAN, CHINA	2235



2.12 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TMS320F28379SPTPT	TEXAS INSTRUMENTS	PHILIPPINES	2237



2.12 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TPS54160ADGQR	TEXAS INSTRUMENTS	THAILAND	1850

SEAL 21-MARCH-2022 16:38 DIGI-KEY 800 344-XXXX DST 789-13

P/N: 296-35988-1-ND			
MFG: TPS54160DGQR		563 G4	
DESC: IC REG BUCK ADJ 1.5A 10MSOP		IDX:1	
PO: 155-107		SS CS	
	LEAD FREE	PPBT: 260°C	MSC
	ROHS COMP	MSL 1 UNLIM	
	PLC		
	CTRY ORCN	THAILAND	SOM
PART ID	VEND TEXAS INSTRUMENTS(VA)	SRC	
LOAD ID	QTY 1850		135

FAILED

2.12 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TPS54160ADGQR	TEXAS INSTRUMENTS	MALAYSIA	2112+5



2.12 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TPS929120QPWPRQ1	TEXAS INSTRUMENTS	MALAYSIA	2227



2.13

VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
S1J-E3/61T	VISHAY INTERTECHNOLOGY	TAIWAN, CHINA	2310



2.13

VISHAY INTERTECHNOLOGY

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
SQJ488EP-T1_GE3	VISHAY INTERTECHNOLOGY	CHINA	2022





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:

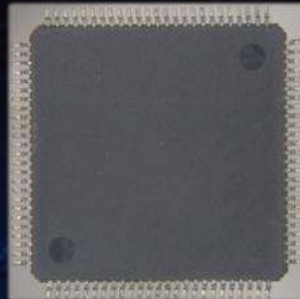
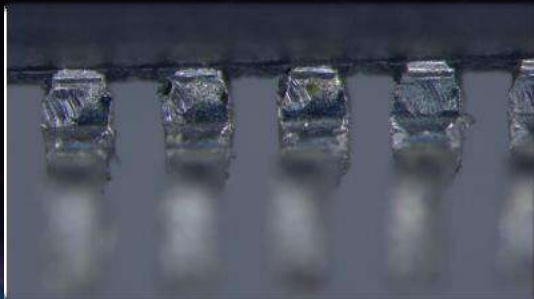
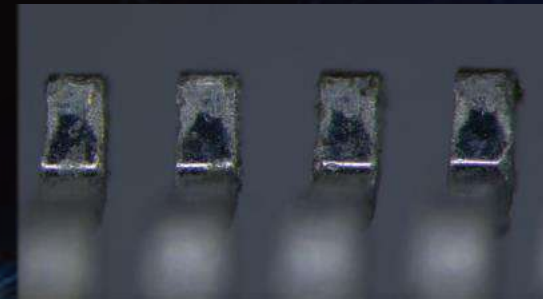
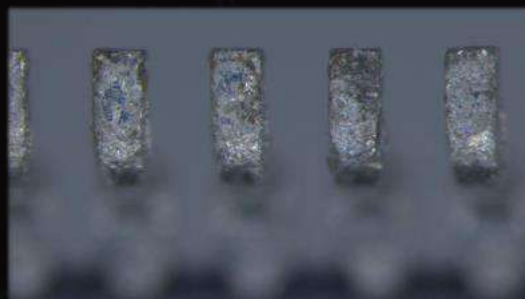


*List is arranged in alphabetical order.

3.2 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32F427VIT6	STMICROELECTRONICS	PHILIPPINES	12+



FAILED

Briocean Technology

THANK YOU

Your preferred supplier in global sourcing