

## Test Report

No.: NGBEC25008310204\_1

Date: Dec 23, 2025

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Client Name: Silergy Corp

Client Address: Oleander Way, 802 West Bay Road, P.O. Box 32052, Grand Cayman KY1-1208, Cayman Islands

Sample Name: Surface Mounted Electric Component

Model No.: SOT23-6

Client Ref. Information: AQFN/BGA/COF/COMBO/CPC/CSP/DFN/DIP/D-SMD/HDIP/GEM/LQFP/LGA/MDFN/MLGA/MQFN/MSOP/ODFN/QFN/PDFN/P-DIP/PLCC/SMB/SMC/SMD/SOD/SOP/SOT/SSOP/TO92/TO220/TO220F/TO252/TO263/TQFP/TSOP/TSSOP/TSOT/2ΦRadial/3ΦRadial/5ΦRadial  
See attachment

The above sample(s) and information were provided by the client.

### THIS REPORT IS TO SUPERSEDE REPORT NO.NGBEC25008310204, DATE: Dec 19, 2025.

SGS Job No.: NBP25-009561

Sample Receiving Date: Dec 10, 2025

Testing Period: Dec 10, 2025 ~ Dec 19, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass
AfPS GS 2019:01 PAK-Polycyclic Aromatic Hydrocarbons (PAHs)	See Results
Element(s)	See Results
Halogen	See Results
Polyvinyl chloride (PVC)	See Results

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Hayley Hong

Hayley Hong  
Approved Signatory

Scan to see the report



C2595F61

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Test Requirement	Conclusion
Red Phosphorus	See Results
Phthalates	See Results
Hexabromocyclododecane (HBCDD)	See Results
PFOS, its salts and related compounds, PFOA, its salts	See Results

## Test Result(s):

## Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	NGB25-0083102-0001.C001	Black body with silvery pin

## Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

**EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)**

**Test Method:** With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybrominated biphenyls (PBB)	1000	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	25	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	25	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	25	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	25	ND
Polybrominated diphenyl ethers (PBDE)	1000	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	25	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	25	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	25	ND

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Test Item(s)	Limit	Unit(s)	MDL	A1
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	25	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	25	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	25	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	25	ND
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl Phthalate (DBP)	1000	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	1000	mg/kg	50	ND

**Notes:**

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

## AfPS GS 2019:01 PAK-Polycyclic Aromatic Hydrocarbons (PAHs)

**Test Method:** With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A1
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.1	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.1	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	mg/kg	0.1	ND
Dibenzo(a,h)Anthracene(DBA)	53-70-3	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	mg/kg	0.1	ND
Sum of Phenanthrene(PHE), Pyrene(PYR), Anthracene(ANT), Fluoranthene(FLT)	-	mg/kg	-	ND
Naphthalene(NAP)	91-20-3	mg/kg	0.1	ND

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Test Item(s)	CAS No.	Unit(s)	MDL	A1
Sum of 15 PAHs	-	mg/kg	-	ND

**Notes:**

**AfPS (German commission for Product Safety) : PAHs requirements**

Parameter	Category 1	Category 2		Category 3	
	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use -in toys according to Directive 2009/48/EC or -for the use by children <sup>a,b</sup> up to 3 years of age.	a. use by children	b. other consumer products	a. use by children	b. other consumer products
Benzo(a)pyrene (BaP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene (BeP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene (BaA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene (BbF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene (BjF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene (BkF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (CHR) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene (DBA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene (BPE) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene (IPY) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1

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Phenanthrene (PHE), pyrene (PYR), anthracene (ANT), fluoranthene (FLT), mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene (NAP) mg/kg	< 1		< 2		< 10
<b>Sum of 15 PAHs</b>	<1	< 5	< 10	< 20	< 50

## Notes:

- <sup>a</sup> A "Child" is legally defined as a person before reaching the age of 14 years.
- <sup>b</sup> Use by children includes both active and passive contact by children.
- <sup>c</sup> Definition "short-term repetitive contact" taken from REACH Annex XVII entry 50 amendment (Regulation (EC) No.1272/2013)
- <sup>d</sup> According to the definition of the German Product Safety Act (ProdSG) (chapter 1 Article 2 No. 28) "foreseeable use" shall mean the use of a product in a manner that the person placing it on the market, has not intended, but which could be reasonably foreseeable.

## Remark:

The German committee on Product Safety (AfPS) published a new PAHs document (AfPS GS 2019:01 PAK) on April 10, 2020, which will be binding for the issue of GS mark certificate from July 1, 2020.

Element(s)

**Test Method:** With reference to US EPA 3052:1996, analysis was performed by ICP-OES/AAS.

Test Item(s)	Unit(s)	MDL	A1
Arsenic(As)	mg/kg	10	ND
Beryllium(Be)	mg/kg	5	ND
Antimony(Sb)	mg/kg	10	ND

Halogen

**Test Method:** With reference to EN 14582:2016, analysis was performed by IC.

Test Item(s)	Unit(s)	MDL	A1
Fluorine(F)	mg/kg	20	ND
Chlorine(Cl)	mg/kg	50	ND
Bromine(Br)	mg/kg	50	ND
Iodine(I)	mg/kg	50	ND

Polyvinyl chloride (PVC)

**Test Method:** With reference to SGS in house method, analysis was performed by FTIR/ATR.

Test Item(s)	A1
Polyvinyl chloride (PVC)	Negative



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**Notes:**

(1) Negative=Undetectable, Positive=Detectable  
 (2) The test was subcontracted to SGS Shanghai chemical lab.

**Red Phosphorus**

**Test Method:** With reference to SGS In house method, analysis was performed by ICP-OES and Pyrolysis-GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A1
Red Phosphorus	7723-14-0	mg/kg	500	ND

**Notes:**

(1) The testing result is based on the worst-case scenario, and confirmed by Pyrolysis-GC-MS.  
 (2) The test was subcontracted to SGS Shanghai chemical lab.

**Phthalates**

**Test Method:** With reference to EN 14372:2004, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A1
Diisooctyl Phthalate(DIOP)	27554-26-3	%	0.010	ND

**Hexabromocyclododecane (HBCDD)**

**Test Method:** With reference to US EPA 3550C:2007, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A1
Hexabromocyclododecane (HBCDD)	134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6	mg/kg	10	ND

**PFOS, its salts and related compounds, PFOA, its salts**

**Test Method:** Modified EN 17681-1:2025, analysis was performed by LC-MS or LC-MS/MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A1
<b>PFOS, its salts</b>				
Perfluorooctane sulfonic acid (PFOS), its salts <sup>1</sup>	1763-23-1	mg/kg	0.010	ND
<b>PFOS-related compounds</b>				
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	mg/kg	0.010	ND
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	mg/kg	0.010	ND

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Test Item(s)	CAS No.	Unit(s)	MDL	A1
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	mg/kg	0.010	ND
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)	24448-09-7	mg/kg	0.010	ND
Perfluorooctane Sulfonamide (PFOSA), its salts <sup>^</sup>	754-91-6	mg/kg	0.010	ND
Perfluorooctane sulfonamidoacetic Acid (FOSAA), its salts <sup>^</sup>	2806-24-8	mg/kg	0.010	ND
N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA), its salts <sup>^</sup>	2355-31-9	mg/kg	0.010	ND
N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA), its salts <sup>^</sup>	2991-50-6	mg/kg	0.010	ND
Sum of PFOS-related compounds	-	mg/kg	-	ND
<b>PFOA, its salts</b>				
Perfluorooctanoic acid (PFOA), its salts <sup>^</sup>	335-67-1	mg/kg	0.010	ND

## Notes:

1. <sup>^</sup>=Substances refer to its salts/derivative listed in below table.

Substances Name	CAS No.
<b>PFOS, its salts &amp; derivatives</b>	
Perfluorooctane sulfonic acid (PFOS)	1763-23-1
Potassium Perfluorooctanesulfonate (PFOS-K)	2795-39-3
Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5
Sodium perfluorooctanesulfonate (PFOS-Na)	4021-47-0
Ammonium perfluorooctanesulfonate (PFOS-NH <sub>4</sub> )	29081-56-9
Perfluorooctane sulfonate diethanolamine salt (PFOS-NH <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub> )	70225-14-8
Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	56773-42-3
N-decyl-N,N-dimethyldecan-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )	251099-16-8
TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	111873-33-7
Perfluorooctane Sulfonyl fluoride (PFOS-F)	307-35-7
Magnesium bis(heptadecafluorooctanesulphonate) (PFOS-Mg)	91036-71-4
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate	71463-74-6
Perfluorooctanesulfonate	45298-90-6
Triethylammonium perfluorooctane sulfonate (PFOS-NH(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	54439-46-2
Tetramethylammonium perfluorooctane sulfonate (PFOS-N(CH <sub>3</sub> ) <sub>4</sub> )	56773-44-5
N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C <sub>3</sub> H <sub>7</sub> ) <sub>3</sub> (C <sub>5</sub> H <sub>11</sub> ))	56773-56-9
N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> (CH <sub>3</sub> ))	124472-68-0
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)	213740-80-8
Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate	258341-99-0
1-Hexadecylpyridinium perfluoro-1-octanesulfonate	334529-63-4
N,N,N-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate	773895-92-4
Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-P (C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> ))	2185049-59-4

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Perfluorooctanesulfonic acid diethylamine salt (PFOS-C <sub>4</sub> H <sub>11</sub> N)	2205029-08-7
heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate (PFOS-C <sub>15</sub> H <sub>30</sub> NO <sub>2</sub> )	1203998-97-3
Perfluorooctane sulfonic anhydride (PFOSAN)	423-92-7
Perfluoro-1-octanesulfonyl chloride (PFOS-Cl)	423-60-9
<b>FOSAA, its salts</b>	
Perfluorooctane sulfonamidoacetic Acid (FOSAA)	2806-24-8
N-[(Perfluoroctyl)sulfonyl]glycinate (FOSAA(anion))	909405-47-6
N-[(Perfluoroctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4
N-[(Perfluoroctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5
<b>N-MeFOSAA, its salts</b>	
N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA)	2355-31-9
2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA(anion))	909405-48-7
Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5
<b>N-EtFOSAA, its salts</b>	
N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA)	2991-50-6
Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7
2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))	909405-49-8
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-NH <sub>4</sub> )	2991-52-8
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9
<b>PFOSA, its salts</b>	
Perfluorooctane Sulfonamide (PFOSA)	754-91-6
Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9
Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8
Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0
Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH <sub>4</sub> )	76752-72-2
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-C <sub>6</sub> H <sub>15</sub> N)	76752-82-4
<b>PFOA, its salts &amp; derivatives</b>	
Perfluorooctanoic acid (PFOA)	335-67-1
Sodium perfluorooctanoate (PFOA-Na)	335-95-5
Potassium perfluorooctanoate (PFOA-K)	2395-00-8
Silver perfluorooctanoate (PFOA-Ag)	335-93-3
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
Lithium perfluorooctanoate (PFOA-Li)	17125-58-5
Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6
Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+) (PFOA-Cr(3+))	68141-02-6
Pentadecafluorooctanoic acid--piperazine (2/1) (PFOA-NH(C <sub>4</sub> H <sub>10</sub> N))	423-52-9
Pentadecafluorooctanoate (anion)	45285-51-6
Perfluorooctanoic Anhydride	33496-48-9
N,N,N-Triethylethanaminium perfluorooctanoate	98241-25-9
Perfluorooctanoate N,N,N-Trimethylmethanaminium	32609-65-7
Tetrapropylammonium perfluorooctanoate	277749-00-5
Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H <sub>2</sub> O) <sub>2</sub> )	98065-31-7
Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C <sub>2</sub> H <sub>7</sub> N)	1376936-03-6

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Pentadecafluoroctanoic acid--pyridine (1/1) (PFOA-C <sub>5</sub> H <sub>5</sub> N)	95658-47-2
pentadecafluoroctanoic acid- 1-phenylpiperazine(1:1) (PFOA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )	1514-68-7
N,N,N-Trimethyloctan-1-aminium pentadecafluoroctanoate (PFOA-C <sub>11</sub> H <sub>26</sub> N)	927835-01-6
Pentadecafluoroctanoyl chloride (PFOA-Cl)	335-64-8

This report updated Client Ref. Information.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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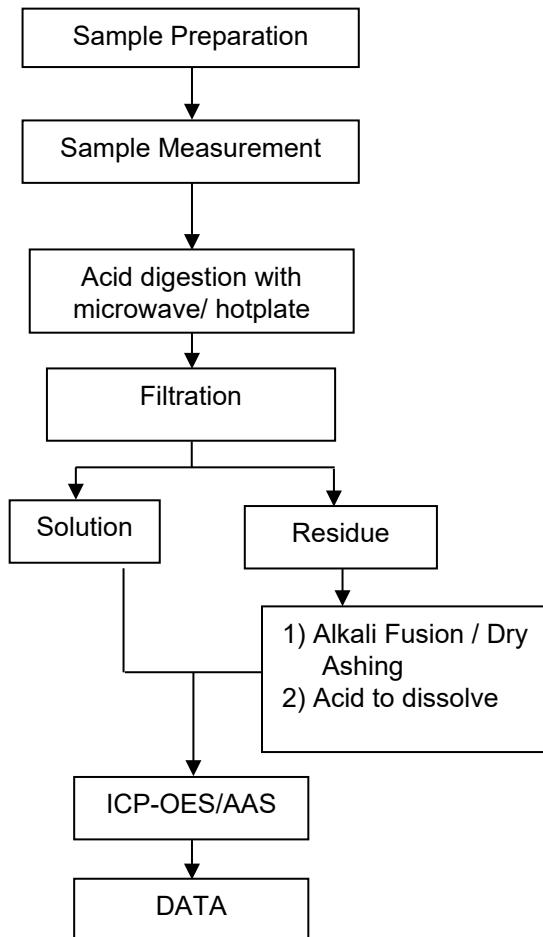
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**ATTACHMENTS****Elements Testing Flow Chart**

These samples were dissolved totally by pre-conditioning method according to below flow chart.



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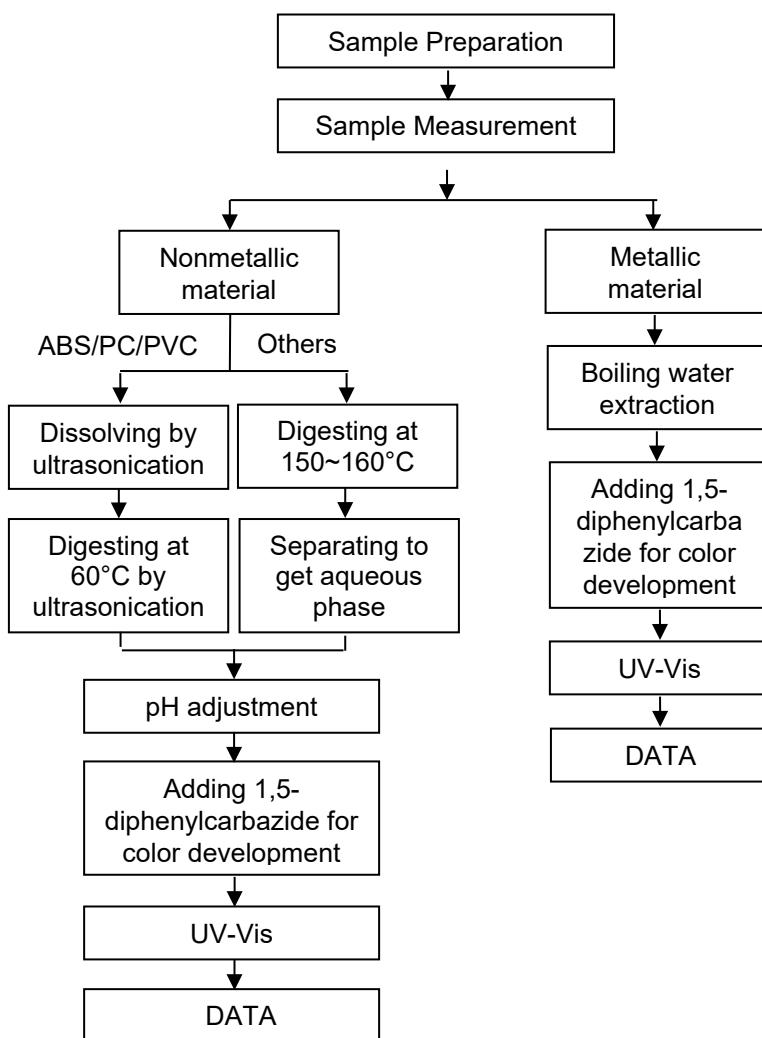
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## ATTACHMENTS

## Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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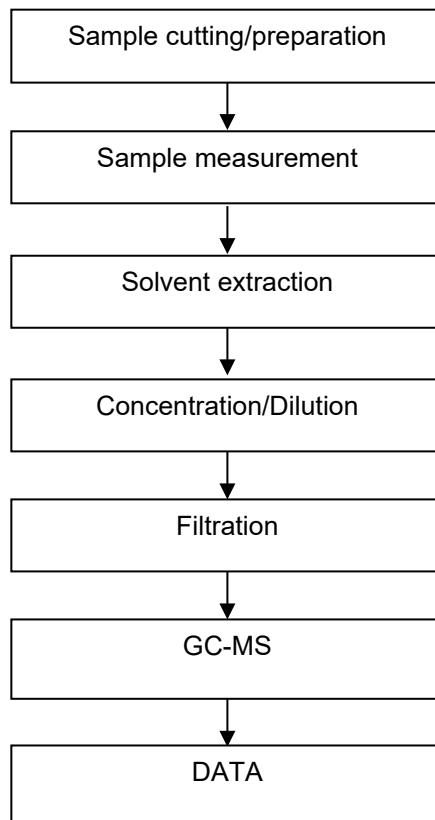
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**ATTACHMENTS****PBB(s)/PBDE(s)/Phthalates Testing Flow Chart**

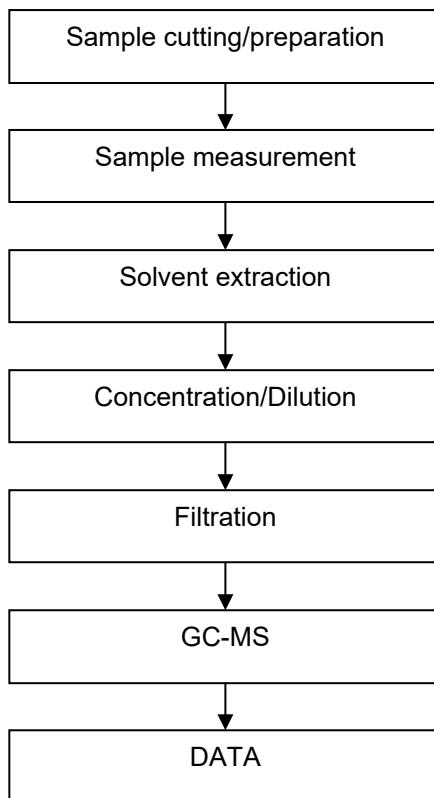
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**ATTACHMENTS****PAHs Testing Flow Chart**

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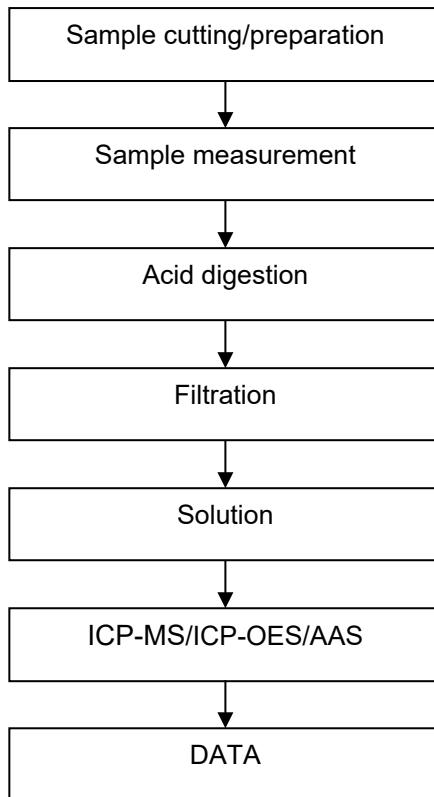
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**ATTACHMENTS****Elements Testing Flow Chart**

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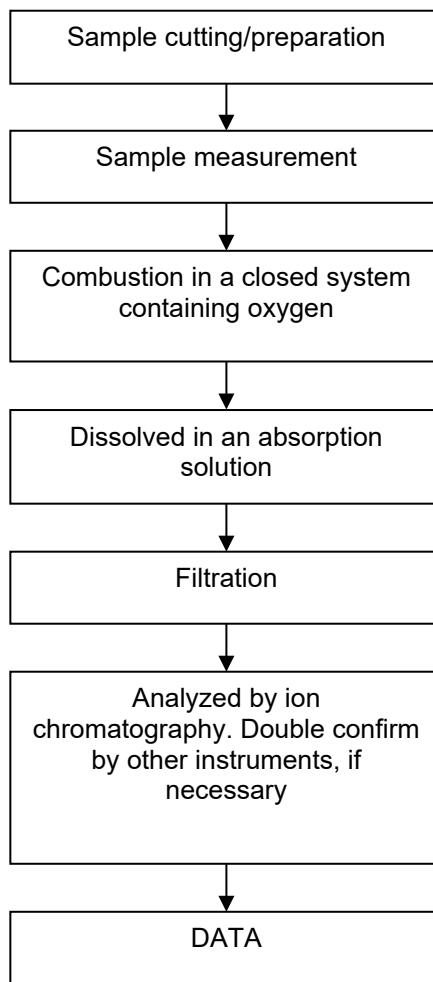
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**ATTACHMENTS****Halogen Testing Flow Chart**

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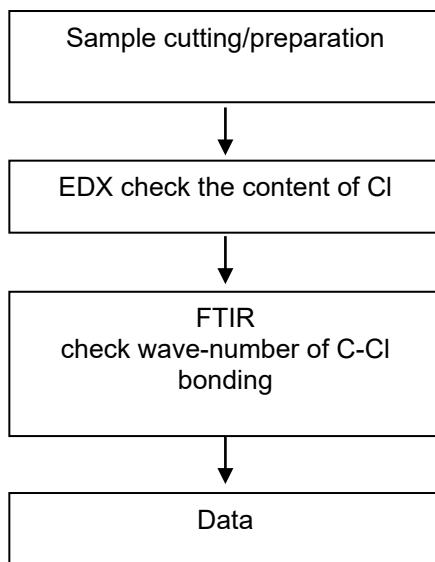
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**ATTACHMENTS****PVC Testing Flow Chart**

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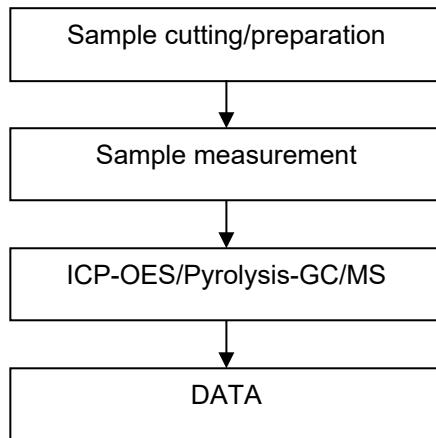
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**ATTACHMENTS****Red Phosphorus Testing Flow Chart**

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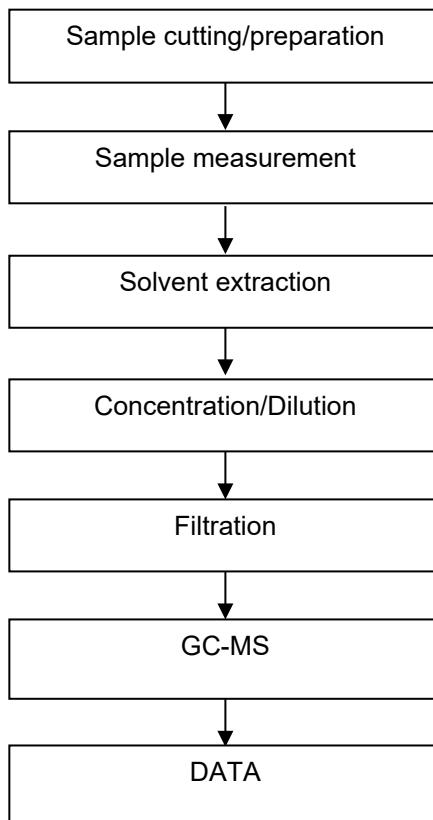
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**ATTACHMENTS****Phthalates Testing Flow Chart**

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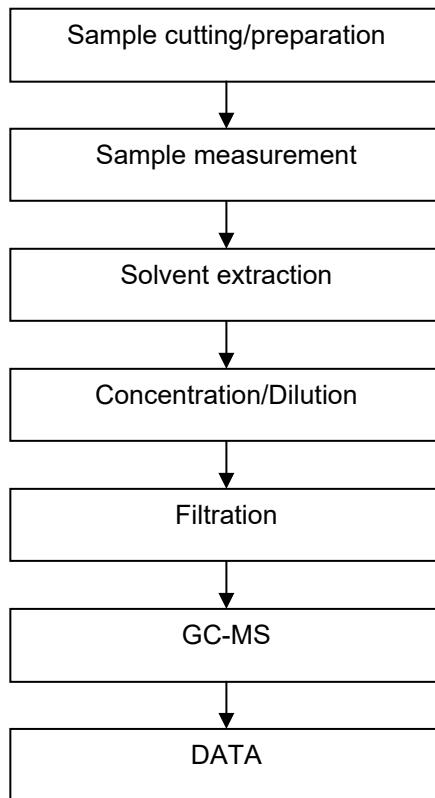
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**ATTACHMENTS****HBCDD Testing Flow Chart**

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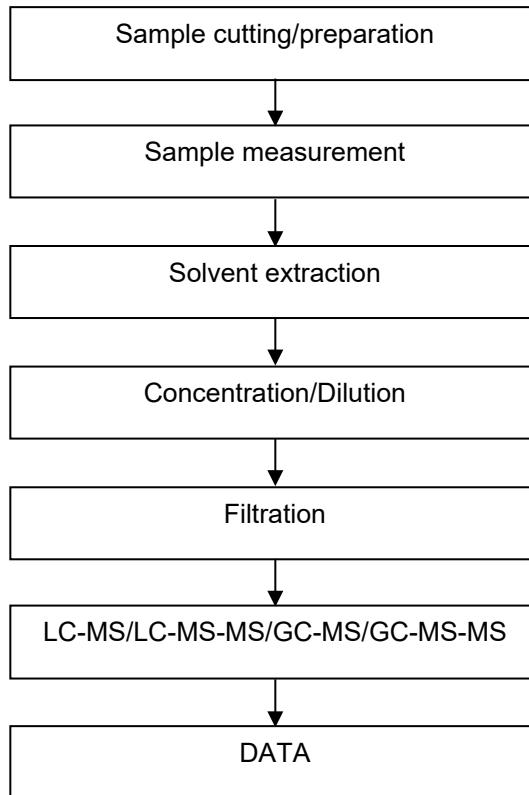
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**ATTACHMENTS****PFASs/ PFOS/PFOA Testing Flow Chart**

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## Attachment:

AQFN6×6 BGA2.3×5.8 BGA2.55×2.55 BGA3.35×3.1 BGA3.5×4.5 BGA5.55×9.00 BGA12×12  
 BGA13×13 BGA17×17 BGA21×21 BGA22×20 BGA25×40 bare die Bare die-GaN Brick-QuarterBrick-  
 2 COF48-465 COMBO3.94×2.36×1.35 COMBO4.94×3.36×2.35 CPC5 CPC8  
 CSP0.76×0.76 CSP0.78×0.78 CSP0.79×0.79 CSP0.9×0.9 CSP1.23×0.87 CSP1.29×1.25 CSP1.31×1.31  
 CSP1.32×1.86 CSP1.338×0.838 CSP1.35×2.15 CSP1.39×1.68 CSP1.41×1.70 CSP1.43×0.89 CSP1.5×1  
 CSP1.50×1.64 CSP1.54×0.90 CSP1.55×2.55 CSP1.56×1.96 CSP1.6×0.9 CSP1.6×2 CSP1.62×2.36  
 CSP1.65×0.85 CSP1.65×1.25 CSP1.655×1.802 CSP1.66×1.61 CSP1.73×1.73 CSP1.79×1.46  
 CSP1.79×1.57 CSP1.79×2.01 CSP1.8×1.8  
 CSP1.8×2.2 CSP1.85×2.05 CSP1.92×1.92 CSP1.93×2.05 CSP2.0×1.8 CSP2.0×2 CSP2.0×2.5  
 CSP2.03×2.51 CSP2.1×1.65 CSP2.2×2.565 CSP2.23×1.73 CSP2.35×2.75 CSP2.355×2.385  
 CSP2.38×2.70 CSP2.4×2.4 CSP2.42×2.82 CSP2.43×1.77 CSP2.44×2.44 CSP2.5×2.45 CSP2.53×2.53  
 CSP2.55×2.49 CSP2.55×2.55 CSP2.553×2.806 CSP2.56×2.56 CSP2.57×3.71 CSP2.6×2.6 CSP2.60×2.68  
 CSP2.605×2.605 CSP2.615×2.615 CSP2.64×1.48 CSP2.64×3.94 CSP2.66×3.89 CSP2.67×1.51  
 CSP2.67×2.67 CSP2.68×2.68 CSP2.8×2.4 CSP2.8×2.8 CSP2.93×2.73 CSP2.94×2.51  
 CSP2.94×3.32 CSP3×2.6 CSP3.0×3.2 CSP3.03×3.34 CSP3.08×3.30 CSP3.15×2.75 CSP3.15×3.5  
 CSP3.15×3.11 CSP3.16×4.16 CSP3.2×2.8 CSP3.21×2.81 CSP3.215×2.490 CSP3.215×4.415  
 CSP3.23×3.23 CSP3.3×3.3 CSP3.35×3.1 CSP3.35×3.5 CSP3.35×5.3 CSP3.45×3.45 CSP3.52×1.66  
 CSP3.52×3.44 CSP3.55×3.50 CSP3.6×9.05 CSP3.63×3.63 CSP3.65×3.2 CSP3.65×3.65 CSP4.03×4.66  
 CSP4.06×4.47 CSP4.12×4.49 CSP4.13×4.13 CSP4.2×4.2 CSP4.21×4.21 CSP4.55×4.10 CSP4.82×3.62  
 CSP4.97×4.45 CSP5×5 CSP6×6 CSP6×9 CSP6.07×2.52 CSP10×9 CSP-TBD  
 DFN0.4×0.2 DFN0.6×0.3 DFN1.0×0.6 DFN1×1 DFN1.1×0.85 DFN1.1×0.9 DFN1.2×1.2 DFN1.2×1.6  
 DFN1.25×1 DFN1.3×0.8 DFN1.3×0.9 DFN1.4×1.8 DFN1.45×1.0 DFN1.5×0.9 DFN1.5×1 DFN1.5×1.5  
 DFN1.6×1.0 DFN1.6×1.2 DFN1.6×1.6 DFN1.7×1.35 DFN1.8×1.4 DFN2×1 DFN2×1.5 DFN2×2 DFN2×3  
 DFN2.1×1.8 DFN2.2×2 DFN2.5×1.0 DFN2.5×1.35 DFN2.5×1.5 DFN2.5×2 DFN2.5×2.5 DFN2.5×3  
 DFN2.5×4 DFN3×1.5 DFN3×2 DFN3×3 DFN3.3×1.35 DFN3.3×3.3 DFN3.8×1.0 DFN4×2.5 DFN4×3  
 DFN4×4 DFN4×4.5 DFN4×5 DFN4.1×2.0 DFN5×5 DFN5×6 DFN5.5×1.5 DFN6.5×7.0 DFN7×7  
 DFN7×10 DFN8×8 DFN-GaN  
 DIP7 DIP8 DIP16 DIP18 DIP-4646 D-SMD D-SMD2520 En-FCLGA-GaN HDIP12 GEM2021  
 GEM2928 LGA2.2×2-1 LGA2.5×2.5 LGA3×6 LGA3.8×5.4 LGA4×4 LGA4×6 LGA5×5 LGA5×6  
 LGA5.5×6.5 LGA6×6 LGA12×8 LQFP7×7 LQFP10×10 LQFP12×12 LQFP14×14 LQFP20×20  
 LQFP24×24 LQFP24×33 LGA-GaN  
 MDFN1.9×1.75 MDFN2×2 MDFN2.5×2 MDFN2.6×3.2 MLGA2×1.5 MLGA3.5×5 MLGA5×5 MLGA5×6  
 MLGA5.1×6 MLGA6×6 MLGA6.7×6.2 MLGA7×7 MLGA7.1×7.1 MLGA7.1×8 MLGA7×8 MLGA9.2×5.5  
 MLGA10×9 MLGA11×9 MLGA22×24×11.3 MLGA12×7.25 MQFN1.5×2.5 MQFN2×2.5 MQFN2×3  
 MQFN2.1×3 MQFN2.3×3 MQFN2.35×2.9 MQFN2.45×2.27 MQFN2.5×2.5 MQFN2.5×3 MQFN2.6×2.55  
 MQFN2.8×3 MQFN3×3 MQFN3×4 MQFN3×5 MQFN3×6 MQFN3.2×4.2 MQFN3.5×5 MQFN4×5.6  
 MQFN5×5 MQFN5×6 MQFN5×7.7 MQFN5.1×6 MQFN5.5×4 MQFN5.5×9.2 MQFN7×7 MQFN7.1×8  
 MQFN11.3×7.5 MSOP8 MSOP8E MSOP10 ODFN2×2×0.7 QFN1.4×1.8 QFN1.5×1.5 QFN1.5×2  
 QFN1.6×1.6 QFN2×1.5 QFN2×2 QFN2×2.5 QFN2×3 QFN2.5×2.5 QFN2.5×3 QFN3×3 QFN3×3.5  
 QFN3×4 QFN3×4.5 QFN3×5 QFN3×6 QFN3.3×4.8 QFN3.4×5.68 QFN3.5×3.5 QFN3.5×4 QFN3.5×4.5  
 QFN4×3 QFN4×3.5 QFN4×4 QFN4×5 QFN4×6 QFN4×6.5 QFN4.4×4 QFN4.5×5 QFN5×5  
 QFN5×5.5 QFN5×6 QFN5×7 QFN5×7.5 QFN5×8 QFN5×11 QFN5.5×4 QFN6×5 QFN6×6 QFN7×7  
 QFN7.5×7.5 QFN7×8 QFN8×7 QFN8×8 QFN8×9 QFN8×12 QFN9×8 QFN9×9 QFN10×10 QFN11×5  
 QFN12×7 QFN12×8 QFN-GaN PDFN5×6 P-DIP6 PLCC-3528 SL-SMD3013 SL-SMD3015  
 SMB SMC SMP7 SMD0805 SMD1206 SMD1417 SMD2010 SMD2014 SMD2015 SMD2020  
 SMD2024 SMD2211 SMD2420 SMD2515 SMD2814 SMD3120 SMD3313 SMD3317 SMD3535  
 SMD4222 SOD123 SOD323 SOD523 SOD123FL SOP4 SOP6 SOP7 SOP8 SOP14 SOP16 SOP20  
 SOP24 SOP8E SOP16E SOP36E SOP8W SOP14W SOP16W SOT23 SOT33 SOT89 SOT143  
 SOT223 SOT235 SOT236 SOT323 SOT335 SOT336 SOT363 SOT523 SOT563 SOT583 SSOP9  
 SSOP9E SSOP10 SSOP10E SSOP14E SSOP16 SSOP16E SSOP18E SSOP20 SSOP24 SSOP24E  
 SSOP28 SSOP32 SSOP32W SSOP56E

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TO263-7 TSSOP14 TSSOP16 TSSOP24E TSOT23-5 TSOT23-6 TSOT23-8 TSOT23-5 TSOT23-5  
TSOT23-6 TSSOP20E TO252-3 TO252-5 TO220-3  
TO263-5 TSSOP24E TO92-3 TSSOP16E TSSOP28E TSSOP30 TO263-7  
TSSOP14 TSSOP16 TQFP10\*10 TO220F-3 TSSOP8 TQFP7\*7-48E TSSOP24 SSOP20(WB)  
TSSOP14E TSSOP24E TSOP14E TSSOP38 TSSOP28 TSSOP32E-UP  
TSSOP38E TSSOP28E TSOT23 TQFP10\*10 TQFP7\*7 WLCSP-GaN

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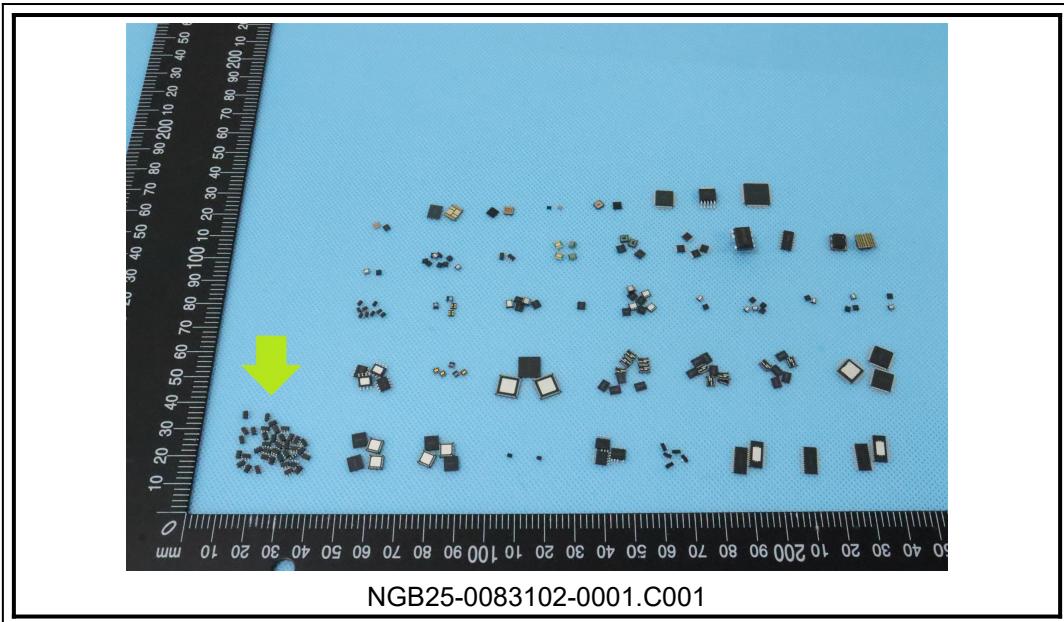
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