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2016-2018

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4-1-3-5

1	2016-2018	2019	2017	
	2018	2019		
		2017	2018	2019
		194,657.60	70,631.11	128,054.22
2	2016-2018	2019	2017	
	2018	2019		
		2017	2018	2019
	2,510,252.76	2,337,087.55	3,395,658.13	
	2,553,613.63	2,375,058.78	3,514,780.64	
98.30%	98.40%	96.61%		

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[illegible]

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5	2017	2019	2017
2018		2019	2017
2018			32,451.04
31,958.34	2019		31,713.62
		96,123.00	
	2018	10	10

2018 12 31

4-1-3-7

		40,017,100			1.23%
		29,476.70			
2018				61,435.04	
				2019	
	2019	1	1		2019 3 11
		9,253,000			6,211.35
2019	10	31			
		2019	12	31	
			2019	12	31
		1,982,354			0.0611%
	3,887.78			2019	
	10,099.13				
2019				41,812.75	2019
			2019		
		2017	2018	2019	
		135,698.83			
		2016-2018		2019	
				142,916.37	
		135,698.83			
4					
	1	2016-2018		2019	2017
		2018		2019	
2					

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431,925.00

400,000

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[2020] 00245

4-1-3-9

[illegible]

cninf 巨潮资讯
www.cninfo.com.cn

3	2016-2018	2019	2017
2019		213,922.62	86,772.27
128,054.22			
142,916.37			

8	2019	2019	12	31
		1,612,920.50		
1,610,716.36				“

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12 31 2019 2019

/		%	
	597,831,639	18.42	209,786,160
	407,986,006	12.57	160,540,000
	162,255,197	5.00	49,000,000

/		%	
	109,127,571	3.36	-
	83,044,011	2.56	-
-	46,272,700	1.43	-
- 1	36,197,666	1.12	-
-	35,058,754	1.08	-
	31,573,800	0.97	-
	26,469,538	0.82	-

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2019 2019 12

31

1,027,417,645 31.66%

370,326,160 11.41%

36.04%

2019 12 31

36.04%

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1		03553897	2019.12.24
2		04602065	2019.11.08
3		04871389	2020.01.02

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	2016-2018		2019	
2017	2018	2019		96%

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5			2022 10 18	
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30			2024 4 22	
31				
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33			3-6	

34	Dotcom Creation			
35	Dotcom Holding Inc.			
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		/	/
			92.59%
			7.41%
			88%
			55%
			51.67%
			28.45%
			20%
			16%
			12%
			8%

		/	/
			44.85%
			47.55%
			1%
			0.91%
			2019.11.11
			2019.06.28
			12.40%

		/	/
			2019.06.19
			2019.07.30
			7%
			10%

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65%

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1		201955 80% 20%
2		2019131
3		2018121

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6		2016 10 24
7		2016 1 19
8		2016 10 20
9		2016 10 20
10		2019 11 8

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2016-20182019
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		2017	2018	2019
		-	1.27	379.50
		191.15	223.4	399.05
		11,115.28	9,172.17	8,408.34

		2017	2018	2019
		162.16	136.37	235.90
		78.9	38.37	66.47
		107.9	118.27	155.93
		10.05	319.80	1,079.06
		73.71	1,915.69	79.80
		149.64	86.86	34.05
		29.26	53.98	50.23
		16.17	18.66	305.56
		8.43	3.36	169.65
		3.31	-	-
		-	-	0.18
		-	-	20.40
		-	-	35.51
		-	-	289.63
		-	-	745.79

		2017	2018	2019
		-	-	717.58
		-	-	70.61
		-	-	6.10
		11,945.98	12,088.21	13,249.34

2

		2017	2018	2019
		2,602.74	3,139.11	1,751.77
		21.79	18.09	0.18
		2.07	-	-
		-	142.91	629.60
		19.8	-	-
		-	-	-
		2.39	-	-
		20.85	11.13	175.08

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		2017	2018	2019
		-	-	11.32
		-	-	130.24
		-	-	34.41
		-	-	12.50
		-	-	4.35
		-	-	1.48
		2,669.64	3,311.24	3,456.49

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2017				2.69
				0.70
2018				1.86
2019				14.29
				2.55
				1.86
				1.74
				1.67
				1.28
				1.07
				0.76

4-1-3-31

		2017	2018	2019
		-	360.23	638.87

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	2017	2018	2019
	1,676.00	1,676.00	1,558.67

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2016-2018	2019
2017	2018 2019

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16				357.78	2016.06.30	2017.06.16
17				255.30	2016.07.07	2017.06.16
18				2,000.00	2016.09.16	2017.03.01
19		Dynaudio Holding A/S		800.00	2016.10.20	2017.10.19
20				1,300.00	2017.07.07	2018.07.06
21				300.00	2017.08.04	2018.07.19
22				230.00	2017.03.13	2017.09.13
23				230.00	2017.09.13	2018.08.28
24				150.00	2017.04.03	2017.10.03
25				150.00	2017.10.03	2018.10.03
26				400.00	2017.07.21	2018.07.20
27				500.00	2017.07.07	2018.07.09
28				1,100.00	2017.08.04	2018.08.03
29				1,000.00	2017.09.01	2018.09.10
30				1,000.00	2017.09.01	2018.10.20
31				7,500.00	2017.02.08	2019.12.16
32				3,500.00	2017.04.27	2019.12.30
33				1,500.00	2017.06.20	2018.06.15
34		Dynaudio Holding A/S		600.00	2017.04.24	2018.04.06
35		Dynaudio Holding A/S		600.00	2018.04.17	2019.03.29
36		Dynaudio Holding A/S		800.00	2018.03.28	2019.03.13
37				1,300.00	2018.07.06	2019.06.21
38				300.00	2018.07.19	2019.07.18
39				230.00	2018.08.28	2019.08.28
40				150.00	2018.10.03	2019.09.30
41				400.00	2018.07.20	2019.07.18
42				500.00	2018.07.09	2019.07.09
43				1,100.00	2018.08.03	2019.08.02
44				1,000.00	2018.09.10	2019.09.10
45				1,000.00	2018.10.20	2019.10.20
46				1,500.00	2018.06.15	2019.06.14
47				2,000.00	2018.07.20	2019.07.03
48				33,091.58	2018.09.20	2026.09.21
49				1,300.00	2019.06.21	2020.06.21
50				1,500.00	2019.06.18	2020.06.01

51				1,000.00	2019.04.17	2020.03.24
52				950.00	2019.04.18	2020.03.31
53				2,000.00	2017.04.27	2019.05.31
54				2,000.00	2017.04.27	2019.07.31
55				500.00	2019.07.09	2020.07.09
56				1,100.00	2019.08.02	2020.08.02
57				2,000.00	2019.08.23	2020.08.23
58				1,000.00	2019.09.10	2020.09.10
59				1,000.00	2019.10.20	2020.10.20

		20,000.00	2015.09.28	2017.09.28
		1,369.77	2016.09.06	2017.09.06
		144.00	2016.12.22	2017.12.21
		4,600.00	2017.07.01	2019.01.16

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		2017	2018	2019
		-	-	172.88
		-	-	1.22
		-	-	0.77
		-	-	21.84

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		2017.12.31	2018.12.31	2019.12.31
		-	-	0.62
		-	89.01	65.60
		3.07	8.15	20.62
		9.30	0.22	39.14
		-	1.02	10.93
		-	0.12	-
		-	-	17.37
		-	-	307.01
		-	-	0.11
		-	-	1.34
		-	-	0.77
				0.50
		17.00	-	-
		-	-	319.43

				m ²)		
1		1#	2019 0011210	11,330.00		
2		4#	2019 0011189	12,527.00		
3		5#	2019 0011196	52,275.00		
4		6#	2019 0011197	32,375.00		
5		5#	2019 0011199	3,792.00		

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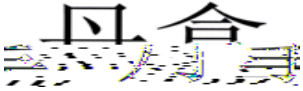
				m ²)		
1		102	2019 0086674	65,265.99		
2		102	2019 0086677	25,253.12		

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1		21#	8877	
2		9#	270	
3		28#	8877	
4		31#	8877	
5		22#-1		
6		29#	8877	
7		30#	8877	
8		7	269	
9		33#		
10		22#-2		
11		3	8877	
12		8#	269	
13		12#	8877	
14		13#		
15		18#	8877	
16		19#		

17		20#	8877	
18		16#		

4		36046163		9	2029.10.13	

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1		AR VI.0	2019.10.15		2019SR1456026
2		V1.0	2019.07.01		2019SR1028276



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3707002019BS030

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3707002019BS030

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		2019	12	31
11	ANIMA	2019	2	6
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1 KOPIN CORPORATION

		KOPIN CORPORATION		
		2019	12	31
KOPIN CORPORATION	87,049,672			7,589,000
8.72%				

2 Mobvoi Inc.

			Mobvoi Inc.	2012	8
31	2019	12	31	Mobvoi Inc.	
1,681,108,052					

31 “ ” 2019 12

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6,154,458,300 343,653,859.81
501,419,286.30 2019
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1	20700010220 19113518			CNY	500,000,000	2019.11.04 12	

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	2019		
	“	”	2019 12
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	2019	
2019 12 31		60,251,530.47
	86,029,144.00	17,472,640.59
	68,556,503.41	

2019	2019
	2019 12 31

21		25%
22		15%

2		15%	2014 10 31 GR201437000511 2017 12 28 GR201737001633 15%
3		15%	2014 10 31 GR201437000334 2017 12 28 GR201737001881 15%
4		15%	2013 12 11 GR201337000377 2016 12 15 GR201637000105 2017 2018 15%

5		15%	2011 58 2011 1 1 2020 12 31 15% 2014 5 15% 2019 15% 9%

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9		15%	2018 2019 63 3 2018 1 1 2020 12 31 2019 15%
10		15%	2019 2020 50 3 2019 1 1 2021 12 31 2019 15%

2019				
3			10,000,000	2019 2019 5 7 1,000.00
4			30,000,000	“ + ” 2019 [2019]158 2019 7 18 3,000
5			31,820,000	[2019] 87 2019 2019 12 20 3182
6			12,790,000	2019 2019 12 10 1,279.00
7			11,829,000	2019 241 2019 12 13 1,182.90

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4-1-3-58

（本页无正文，为《北京市天元律师事务所关于歌尔股份有限公司公开发行可转换公司债券的补充法律意见（二）》之签章页。）

北京市天元律师事务所（盖章）

负责人：_____

朱小辉

经办律师：_____

孙春艳

高媛

高媛

本所地址：北京市西城区丰盛胡同28号

太平洋保险大厦1001室，邮编：100032

2020年4月28日

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4-1-3-60

20		2007800119606		2007.4.2	2012.10.24	
21		2009102608330		2009.12.12	2012.11.14	
22		2011103819336		2011.11.25	2012.11.14	

23

40		2010102452895		2010.7.30	2014.1.29	
41		2011102167636		2011.7.30	2014.3.5	
42		2011101759881		2011.6.28	2014.3.19	
43		2012102668210		2012.7.30	2014.4.2	
44		2012103304758		2012.9.7	2014.4.16	

45

62		2012100997904		2012.4.7	2014.8.20	
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102	MIC	2012101567602		2012.5.19	2015.4.22	
103		2013100599314		2013.2.26	2015.4.22	
104	PCB	2013101096469		2013.3.30	2015.4.22	
105		201310194121X		2013.5.22	2015.4.22	
106		2010102273838		2010.7.15	2015.5.13	
107		2012102500722		2012.7.18	2015.5.13	
108	USB	2013101329721		2013.4.17	2015.5.13	
109		2012105457480		2012.12.14	2015.5.20	
110		2013101111543		2013.4.1	2015.5.20	
111		2012104602275		2012.11.15	2015.5.27	
112		201110027076X		2011.1.26	2015.6.3	
113		2012100004234		2012.1.4	2015.6.3	
114		2012104667388		2012.11.19	2015.6.3	
115	CMOS MEMS	2010800623197		2010.7.28	2015.6.10	
116	3D	2012103517627		2012.9.20	2015.6.17	
117		2012103396266		2012.9.13	2015.6.24	
118		2013100536635		2013.2.19	2015.6.24	
119		2011101877695		2011.7.6	2015.7.1	
120		2012100937890		2012.3.31	2015.7.1	
121		2012100175223		2012.1.19	2015.7.8	
122		2012102011232		2012.6.18	2015.7.15	
123		2012103719883		2012.9.28	2015.7.22	

124		2011102291084		2011.8.10	2015.7.29	
125		2011102679992		2011.9.10	2015.7.29	
126		2012102225960		2012.6.29	2015.7.29	
127	USB	2012102242398		2012.6.29	2015.7.29	
128		2012102953455		2012.8.17	2015.7.29	
129	MEMS	2012100568769		2012.3.6	2015.8.5	
130	CMOS	2012101972891		2012.6.15	2015.8.5	
131		2012103048319		2012.8.25	2015.8.5	
132		2012104815820		2012.11.23	2015.8.5	
133		2012101957177		2012.6.14	2015.8.19	
134		2012102787046		2012.8.7	2015.8.19	
135		201210327978X		2012.9.6	2015.8.19	
136		2012103035130		2012.8.23	2015.8.26	
137		2013102722455		2013.6.29	2015.8.26	
138		2013104705914		2013.10.10	2015.8.26	
139		2012102872956		2012.8.14	2015.9.2	
140		2013101874338		2013.5.18	2015.9.2	
141		2012102787296		2012.8.7	2015.9.9	

142		2011103170161		2011.10.18	2015.9.30	
143	MEMS	2011104248248		2011.12.17	2015.9.30	
144		2012101634791		2012.5.24	2015.9.30	
145		2012104148475		2012.10.25	2015.9.30	
146		2012104819982		2012.11.25	2015.9.30	
147		201210203292X		2012.6.19	2015.10.14	
148		2012104134576		2012.10.25	2015.10.14	
149		2012104995556		2012.11.29	2015.10.28	
150		2013100300849		2013.1.25	2015.10.28	
151	MEMS	2013101218112		2013.4.9	2015.10.28	
152		2013102707972		2013.6.28	2015.10.28	
153		2013102722008		2013.6.29	2015.10.28	
154		2013103702158		2013.8.22	2015.10.28	
155		2013102725345		2013.7.1	2015.11.4	
156		2013100265756		2013.1.18	2015.11.11	
157		2013100870842		2013.3.19	2015.11.11	
158	MEMS	2013101215218		2013.4.9	2015.11.11	
159		2012100462571		2012.2.27	2015.11.18	
160		2012102152122		2012.6.27	2015.11.18	

161

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181	LED	2012101918331		2012.6.11	2016.1.20	
182		2012103053995		2012.8.23	2016.1.20	
183	3D	2013102210565		2013.6.5	2016.1.20	
184	LED	2014103530955		2014.7.23	2016.1.20	
185	3D	2013100606002		2013.2.26TJE		

201		2012103710978		2012.9.28	2016.4.20	
202		2012104046556		2012.10.22	2016.5.4	

223		2013101689746		2013.5.8	2016.8.10	
224		2013102695903		2013.6.29	2016.8.10	
225		2013102705801		2013.6.29	2016.8.10	
226	ANR	2013102984388		2013.7.16	2016.8.10	
227		2013105664536		2013.11.14	2016.8.17	
228		2014101026422		2014.3.19	2016.8.17	
229		2014105486266		2014.10.16	2016.8.17	
230		2014106603093		2014.11.18	2016.8.17	
231		2014107140351		2014.11.28	2016.8.17	
232		2015101375432		2015.3.26	2016.8.17	
233		2013100485991		2013.2.7	2016.8.24	
234		2013101320977		2013.4.16	2016.8.24	

235

245		2013102645571		2013.6.27	2016.9.14	
246		2013103147323		2013.7.24	2016.9.14	
247		2013103151348		2013.7.24	2016.9.14	
248		201310567523X		2013.11.14	2016.9.14	
249		2013107512260		2013.12.31	2016.9.14	
250		2014106653872		2014.11.19	2016.9.14	
251		2013102368973		2013.6.14	2016.9.21	
252		2014103076178		2014.6.30	2016.9.21	
253		2014103911567		2014.8.9	2016.9.21	
254	MEMS MEMS	2015102887508		2015.5.29	2016.9.21	
255		2013100039562		2013.1.7	2016.9.28	
256		2013101698694		2013.5.10	2016.9.28	
257		2014103069598		2014.6.30	2016.9.28	
258		201410491324X		2014.9.23	2016.9.28	
259		2014105988489		2014.10.30	2016.9.28	
260		201310207754X		2013.5.29	2016.10.5	
261	WIFI	201310624546X		2013.11.28	2016.10.5	
262		2014104953529		2014.9.24	2016.10.5	
263		2015102723442		2015.5.25	2016.10.5	
264	MEMS	2015102903712		2015.5.29	2016.10.5	
265	MEMS	2015103682562		2015.6.29	2016.11.9	
266		2012100167689		2012.1.19	2016.12.14	

267		2013101592435		2013.5.3	2016.12.28	
268		2013102466603		2013.6.20	2016.12.28	
269		2013103202284		2013.7.26	2016.12.28	
270		2013103766145		2013.8.26	2016.12.28	
271		2013106643217		2013.12.10	2017.1.4	
272		2014104880528		2014.9.22	2017.1.4	
273		2013104283912		2013.9.18	2017.1.11	
274		2013105831878		2013.11.19	2017.1.11	
275		2014102435900		2014.6.3	2017.1.11	
276		2014104407182				

267

2014109141519
4-1-3-73
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287		201410103296X		2014.3.19	2017.2.8	
288		2015102796782		2015.5.27	2017.2.8	
289		2013102468806		2013.6.20	2017.2.15	
290		2014100417698		2014.1.28	2017.2.15	
291	C	2014104698510		2014.9.15	2017.2.15	
292		2014104955399		2014.9.24	2017.2.15	
293		2014107140347		2014.11.28	2017.2.22	
294		2015100138139		2015.1.12	2017.2.22	
295		2013101307722		2013.4.16	2017.3.1	
296		2015101373653		2015.3.26	2017.3.1	
297		2015102406601		2015.5.13	2017.3.1	
298		2015102923171		2015.5.30	2017.3.8	
299	MEMS	2015102271708		2015.5.6	2017.3.15	
300		2013101670542		2013.5.8	2017.3.22	
301		2014100380848		2014.1.26	2017.3.22	
302	CCD	2014100597807		2014.2.21	2017.3.22	
303		2015102043222		2015.4.24	2017.3.22	
304		2015106883953		2015.10.21	2017.3.22	
305		2014108508873		2014.12.31	2017.3.29	
306	PCB	201510287922X		2015.5.29	2017.3.29	
307		2016101444367		2016.3.14	2017.3.29	

308		2013107219227		2013.12.24	2017.4.5	

330	PCB	2015103057627		2015.6.5	2017.5.24	
331		2014104790220		2014.9.18	2017.5.31	
332		2014107283459		2014.12.3	2017.6.6	
333	MEMS	2015101876826		2015.4.20	2017.6.6	
334	CMOS	2011800070649		2011.3.11	2017.6.9	
335		2014104228765		2014.8.25	2017.6.13	
336		2014107665612		2014.12.12	2017.6.13	
337		201510405151X		2015.7.10	2017.6.16	
338		2014100047775		2014.1.6	2017.6.20	
339		2014105989689		2014.10.30	2017.6.20	
340		2014107276652		2014.12.3	2017.6.20	
341		2015102102663		2015.4.28	2017.6.20	

342

352		2015107912101		2015.11.17	2017.7.4	
353		2013102573662		2013.6.25	2017.7.21	
354		2014100382398		2014.1.26	2017.7.21	
355		2014103074736		2014.6.30	2017.7.21	
356		2015102137431		2015.4.29	2017.7.21	
357		2015103499340		2015.6.23	2017.7.21	
358	MEMS	2015103687496		2015.6.29	2017.7.21	
359		2015101784082		2015.4.15	2017.7.25	
360		2015103829317		2015.7.2	2017.7.25	
361		2014100377385		2014.1.26	2017.7.28	
362		2014108223597		2014.12.25	2017.7.28	
363		2014108266215		2014.12.25	2017.7.28	
364		2015101448927		2015.3.30	2017.8.4	
365		201510874545X		2015.12.2	2017.8.4	
366		2015101419534		2015.3.27	2017.8.15	
367		2013102702659		2013.6.29	2017.8.18	
368		2014103005473		2014.6.28	2017.8.18	
369		2014104256801		2014.8.26	2017.8.18	
370		2014107283232		2014.12.3	2017.8.18	
371		2015103512735		2015.6.23	2017.8.18	
372		201510574446X		2015.9.10	2017.8.18	

373	NFC	NFC	2013103420861	2013.8.7	2017.8.25	
374	Z		2014108265513	2014.12.25	2017.8.25	
375			2015108903824	2015.12.4	2017.8.25	
376			2014105156196	2014.9.29	2017.8.29	
377			2015107166464	2015.10.29	2017.8.29	
378			2015101589145	2015.4.7	2017.9.1	
379			2016100048635	2016.1.4	2017.9.1	
380			2015100502233	2015.1.30	2017.9.5	
381			2014103416502	2014.7.17	2017.9.22	
382			2014103905640	2014.8.9	2017.9.22	
383			2014105377771	2014.10.13	2017.9.26	
384			2015106891131	2015.10.21	2017.9.26	
385			2015110247062	2015.12.30	2017.9.26	
386			2016102848531	2016.4.29	2017.9.26	
387			2013105789762	2013.11.18	2017.9.29	
388			2013106290003	2013.11.28	2017.9.29	
389			2015105818143	2015.9.14	2017.9.29	
390			2014107424103	2014.12.5	2017.10.3	
391	PCB		201510232746X	2015.5.8	2017.10.3	
392			2015102900771	2015.5.29	2017.10.3	
393			2015100359733	2015.1.23	2017.10.10	

394		2015104784987		2015.8.6	2017.1	
395	PEOPLESOFTHRMS	2015100070028		2015.1.7	2017.1	
396		2013106388548		2013.12.3	2017.1	
397		2014102422582		2014.6.3	2017.1	
398		201410375113X		2014.7.31	2017.1	

399

414	MEMS	2015102271680		2015.5.6	2017.12.5	
415						

432		2015105437828		2015.8.29	2017.12.26	
433		2016105066911		2016.6.30	2017.12.26	
434		2016106481729		2016.8.9	2017.12.26	

453		2015101485358		2015.3.31	2018.1.30	
454		2015108355567		2015.11.25	2018.1.30	
455		2014108548724		2014.12.31	2018.2.2	
456		2014102397909		2014.5.30	2018.2.6	
457		2015105089891		2015.8.18	2018.2.6	
458		2015106133336		2015.9.23	2018.2.16	
459		2015110038264		2015.12.28	2018.2.16	
460		2014103072529		2014.6.30	2018.3.2	
461		2013101671422		2013.5.8	2018.3.6	
462		2015108743100		2015.12.2	2018.3.6	
463		2015109077677		2015.12.9	2018.3.6	
464		2016100615081		2016.1.28	2018.3.6	
465		2016110678890		2016.11.24	2018.3.6	
466		2015104926333		2015.8.12	2018.3.9	
467		2015101819575		2015.4.16	2018.3.23	
468		2015102930550		2015.6.1	2018.3.23	
469		2015108880593		2015.12.3	2018.3.23	
470	MEMS	2015108917600		2015.12.4	2018.3.23	
471		2015109026073		2015.12.8	2018.3.23	

472		2016103828573		2016.6.1	2018.3.23	
473		2016106427226		2016.8.5	2018.3.23	
474		2014105156181		2014.9.29	2018.3.27	

491		2015106295114		2015.9.28	2018.5.1	
492		2015107617420		2015.11.10	2018.5.1	
493		2016101654327		2016.3.22	2018.5.1	
494		2016102729509		2016.4.28	2018.5.1	
495		2016102800015		2016.4.28	2018.5.1	
496		2016106056974		2016.7.28	2018.5.1	
497		2015104712565		2015.8.4	2018.5.4	
498		2015108088087		2015.11.19	2018.5.4	
499		2014107820834		2014.12.16	2018.5.8	
500		2015110029528		2015.12.24	2018.5.8	
501	Upnp	2014108406441		2014.12.30	2018.5.15	
502		2016100793500		2016.2.4	2018.5.15	
503		2014104534173		2014.9.5	2018.5.22	
504		2015105858795		2015.9.15	2018.5.22	
505		2016104118942		2016.6.13	2018.5.22	
506		2014104534188		2014.9.5	2018.6.1	
507		2014105794322		2014.10.24	2018.6.5	
508		2016103115538		2016.5.11	2018.6.5	
509		2015103055797		2015.6.4	2018.6.8	
510		2014800038191		2014.8.26	2018.6.12	

511		2015103544172		2015.6.24	2018.6.12	
512		2015800012162		2015.7.14	2018.6.12	
513		2015800012444		2015.8.18	2018.6.12	
514		201580001211X		2015.9.9	2018.6.12	
515		2015108852659		2015.12.3	2018.6.12	
516		2012103821129		2012.10.10	2018.6.15	
517		201410299187X		2014.6.27	2018.6.15	
518	JSON	2015105862146		2015.9.15	2018.6.15	
519		2015105862907		2015.9.15	2018.6.15	
520		2015106040168		2015.9.21	2018.6.15	
521		2015108355497		2015.11.25	2018.6.26	
522		2015109077910		2015.12.9	2018.7.3	
523		2016103646575		2016.5.26	2018.7.3	
524		2016103740810		2016.5.30	2018.7.3	
525		2016104107685		2016.6.13	2018.7.3	
526		201611046563X		2016.11.23	2018.7.3	
527		2014101679715		2014.4.24	2018.7.6	
528		2014104415117		2014.9.1	2018.7.6	
529	MEMS	2015103691928				

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552		2015102796000		2015.5.27	2018.8.3	
553		2015102896920		2015.5.29	2018.8.3	
554		201510677191X		2015.10.16	2018.8.3	
555		2016107828765		2016.8.31	2018.8.3	
556		2014102945231		2014.6.25	2018.8.28	
557		2015104347684		2015.7.22	2018.8.28	
558		2015103003824		2015.6.3	2018.9.4	
559		2015106134659		2015.9.23	2018.9.4	
560		2016106014740		2016.7.27	2018.9.4	
561		2014106685271		2014.11.20	2018.9.7	
562		201410713194X		2014.11.28	2018.9.7	
563		201510149655X		2015.3.31	2018.9.7	
564		2015102189154		2015.4.30	2018.9.7	
565	MEMS	2015106178002		2015.9.24	2018.9.7	

566

573		2017101932986		2017.3.28	2018.9.7	
574		2015800012124		2015.5.21	2018.9.11	
575		2015105491697		2015.8.31	2018.9.11	
576		2015106424064		2015.9.30	2018.9.11	
577		2015800012232		2015.10.30	2018.9.11	
578		2016103568222		2016.5.25	2018.9.11	
579		2016105340422		2016.7.7	2018.9.11	
580		2017101880591		2017.3.27	2018.9.14	
581		2014100787055		2014.3.5	2018.9.18	
582		2014104401735		2014.9.1	2018.9.18	
583	Upnp	2014108161853		2014.12.24	2018.9.18	
584		201510227071X		2015.5.6	2018.9.18	
585		2016102099650		2016.4.6	2018.9.18	
586		2016104525135		2016.6.21	2018.9.18	
587		2016107027998		2016.8.22	2018.9.18	
588		2016107028399		2016.8.22	2018.9.18	
589		2017101626779		2017.3.18	2018.9.18	
590		2017101626798		2017.3.18	2018.9.18	
591		201710435053X		2017.6.10	2018.9.18	
592		201510425404X		2015.7.17	2018.9.25	

593		2015107183900		2015.10.29	2018.9.25	
594		2016101080110		2016.2.26	2018.9.25	
595		2016107037063		2016.8.22	2018.9.25	
596		2016112277457		2016.12.27	2018.9.25	
597		2016106656085		2016.8.12	2018.9.28	
598		2016106656738		2016.8.12	2018.9.28	
599		2016106661609		2016.8.12	2018.9.28	
600		201610666200X		2016.8.12	2018.9.28	
601	MEMS MEMS	201510569494X		2015.9.9	2018.10.2	
602		2015108856414		2015.12.3	2018.10.2	
603		2014104698192		2014.9.15	2018.10.12	
604		2015101492703		2015.3.31	2018.10.12	
605		2015103784246		2015.6.30	2018.10.12	
606		2015107618847		2015.11.10	2018.10.12	
607		2016104969742		2016.6.29	2018.10.12	
608		2016105315986		2016.7.7	2018.10.12	
609		2016105866438		2016.7.22	2018.10.12	
610		2016108878174		2016.10.11	2018.10.12	
611		2017101626637		2017.3.18	2018.10.12	
612		2014107668358		2014.12.12	2018.10.19	
613		2015107329550		2015.10.30	2018.10.19	

614		2014103051378		2014.6.30	2018.10.23	
615		2016104019542		2016.6.6	2018.10.26	
616		2014107643825		2014.12.11	2018.10.30	
617		2016103668343		2016.5.26	2018.10.30	
618		2016109088958		2016.10.18	2018.10.30	
619	IIC IIC	2014104781448		2014.9.18	2018.11.2	
620		2015102330320		2015.5.8	2018.11.2	
621		2015102335358		2015.5.8	2018.11.2	

634		2015105282174		2015.8.25	2018.11.9	
635		2015109249955		2015.12.10	2018.11.9	
636		2016107098635		2016.8.23	2018.11.9	
637		2016110349427		2016.11.8	2018.11.9	
638		2016102030937		2016.4.1	2018.11.16	
639		2015107329512		2015.10.30	2018.11.23	
640		2016102803776		2016.4.28	2018.11.23	
641		2014108423339				

656		2017100344027		2017.1.18	2018.11.30	
657		201710180487X		2017.3.23	2018.11.30	
658		2017102371870		2017.4.12	2018.11.30	
659		201710287575X		2017.4.27	2018.11.30	
660		201410307356X		2014.6.30	2018.12.4	
661		2015108630545		2015.11.30	2018.12.4	
662		2016102854782		2016.4.29	2018.12.4	
663		2016103683822		2016.5.27	2018.12.4	
664		2015102633215		2015.5.21	2018.12.14	
665		2015110192939		2015.12.29	2018.12.14	
666		2016101609444		2016.3.21	2018.12.14	
667		2016102555155		2016.4.21	2018.12.14	
668		2016107185972		2016.8.24	2018.12.14	
669		2016112259919		2016.12.27	2018.12.14	
670	PIN	2016112279293		2016.12.27	2018.12.14	
671		2017101649164		2017.3.20	2018.12.14	
672		2015101024510		2015.3.9	2018.12.18	
673		2015110314550		2015.12.31	2018.12.18	
674		2015101758815		2015.4.14	2018.12.21	
675		2016101796756		2016.3.25	2018.12.21	
676		2016103022406		2016.5.6	2018.12.21	

677		2017101626868		2017.3.18	2018.12.21	
678		2014108551159		2014.12.31	2018.12.25	
679		2015102898269		2015.5.29	2018.12.25	
680		2015106463410		2015.10.8	2018.12.25	
681		201410307677X		2014.6.30	2019.1.1	
682		2015106751441		2015.10.15	2019.1.1	
683		2015107072293		2015.10.27	2019.1.1	
684		2016101149582		2016.3.1	2019.1.1	
685	MEMS	2014103743260		2014.7.31	2019.1.4	
686		2015102246424		2015.5.5	2019.1.4	
687		2015108687558		2015.12.1	2019.1.4	
688		2016103753064		2016.5.30	2019.1.4	
689		2016107176865		2016.8.24	2019.1.4	
690		2016109383380		2016.10.24	2019.1.4	
691		2016110402397		2016.11.11	2019.1.4	
692		2016110843722		2016.11.30	2019.1.4	

699		2016100820457		2016.2.5	2019.1.11	
700		201610127478X		2016.3.7	2019.1.11	
701		2016107076744		2016.8.23	2019.1.11	
702		201610930154X		2016.10.24	2019.1.11	
703		2017103799039		2017.5.25	2019.1.11	
704		2016101404641		2016.3.11	2019.1.15	
705	PCB PCB	2014800038153		2014.8.26	2019.1.18	
706		201510309218X		2015.6.8	2019.1.18	
707		2015104554699		2015.7.29	2019.1.18	
708		2015108356485		2015.11.25	2019.1.18	
709		2015108742127		2015.12.2	2019.1.18	
710		201610374083X		2016.5.30	2019.1.18	
711		2016107033109		2016.8.22	2019.1.18	
712		2016107172417		2016.8.24	2019.1.18	
713		2016108875049		2016.10.11	2019.1.18	
714	MEMS MEMS	201611041741X		2016.11.22	2019.1.18	
715		2016110493004		2016.11.22	2019.1.18	
716		2017106390283		2017.7.31	2019.1.18	
717	LED	2016112395379		2016.12.28	2019.1.25	
718		2016100600052		2016.1.28	2019.2.1	
719		2016105291750		2016.7.6	2019.2.1	

720	MEMS	2016107809321		2016.8.31	2019.2.1	
721		2016111670307		2016.12.16	2019.2.1	
722		2017104098835		2017.6.2	2019.2.1	
723		2015102102697		2015.4.28	2019.2.12	
724		2016107036802		2016.8.22	2019.2.12	
725		2017102446788		2017.4.14	2019.2.12	
726		2015107848406		2015.11.16	2019.2.15	
727		2015108292144		2015.11.24	2019.2.15	
728		2015108356470		2015.11.25	2019.2.15	
729		201510862982X		2015.11.30	2019.2.15	
730		2015109634492		2015.12.18	2019.2.15	
731		2016101404618		2016.3.11	2019.2.15	
732		2016103772900		2016.5.31	2019.2.15	
733		2016103829985		2016.6.1	2019.2.15	
734		2017100657657		2017.2.6	2019.2.15	
735		2017102937703		2017.4.28	2019.2.15	
736		2015110221429		2015.12.30	2019.2.19	
737		2016100155976		2016.1.8	2019.2.26	
738		2016101117859		2016.2.29	2019.2.26	
739		2016101252723		2016.3.4	2019.2.26	

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762		2016111614788		2016.12.15	2019.3.12	
763		2017100420410		2017.1.20	2019.3.12	
764		2017106424129		2017.7.31	2019.3.12	
765		2015101498042		2015.3.31	2019.3.15	
766		2015102475122		2015.5.15	2019.3.15	
767		2015110317807		2015.12.31	2019.3.15	
768		2016103752860		2016.5.30	2019.3.15	
769		2016105554506		2016.7.14	2019.3.15	
770		2016110458960		2016.11.22	2019.3.15	
771		2016110682311		2016.11.25	2019.3.15	
772		2016110877095		2016.11.30	2019.3.15	
773		2016112259904		2016.12.27	2019.3.15	
774		2017106410732		2017.7.31	2019.3.15	
775		2015102132550		2015.4.29	2019.3.19	
776		2016110851076		2016.12.1	2019.3.22	
777		2015101345282		2015.3.25	2019.3.26	
778		2015103543659		2015.6.24	2019.3.26	
779	JAVA	2015109634168		2015.12.18	2019.3.26	
780		2015110331611		2015.12.31	2019.3.26	
781		2016108173440		2016.9.12	2019.3.26	
782		2016108192456		2016.9.12	2019.3.26	
783		2016111545716		2016.12.14	2019.3.26	
784		2015105858210		2015.9.15	2019.3.29	

806		201710737248X		2017.8.24	2019.4.23	
807		2017107726319		2017.8.31	2019.4.23	
808		201710852092X		2017.9.19	2019.4.23	
809		2017110866150		2017.11.7	2019.4.23	
810		2016103348275		2016.5.19	2019.4.26	
811		2016107029194		2016.8.22	2019.4.26	
812		2016107661786		2016.8.30	2019.4.26	
813		2015104314407		2015.7.21	2019.4.30	> A bVcT wR 2q oÖo V
814		2015110035800		2015.12.28	2019.4.30	

829		2017102100756		2017.3.31	2019.5.7	
830		2017113662085		2017.12.18	2019.5.7	
831		2015102432396		2015.5.13	2019.5.17	
832		2015105862184		2015.9.15	2019.5.17	
833		2016100035387		2016.1.4	2019.5.17	
834		2016100380495		2016.1.20	2019.5.17	
835		201610466201X		2016.6.23	2019.5.17	
836		2016106749817		2016.8.15	2019.5.17	
837		2017103692879		2017.5.23	2019.5.17	
838		201710494509X		2017.6.26	2019.5.17	
839		201710703117X		2017.8.16	2019.5.17	
840		2017108479395		2017.9.19	2019.5.17	
841		201510204166X		2015.4.23	2019.5.24	
842		2016107172440		2016.8.24	2019.5.24	
843		2017102075561		2017.3.31	2019.5.24	
844		2017106057740		2017.7.24	2019.5.24	
845		2016102934024		2016.5.5	2019.5.28	
846		201610293546X		2016.5.5	2019.5.28	
847		2016103334592		2016.5.18	2019.5.28	
848		2017101970297		2017.3.29	2019.5.28	
849		2016102847596		2016.4.29	2019.6.4	

850		2016103277462		2016.5.17	2019.6.4	
851		2016103446583		2016.5.20	2019.6.4	
852	FPCB	2016103831896		2016.6.1	2019.6.4	
853		2016104283210		2016.6.13	2019.6.4	
854		2017100328005		2017.1.16	2019.6.4	
855		2017101984745		2017.3.29	2019.6.4	

870		2016101855909		2016.3.28	2019.6.25	
871		2016101856013		2016.3.28	2019.6.25	
872		2016103555167		2016.5.25	2019.6.25	
873		2016110499886		2016.11.23	2019.6.25	
874		2017104882283		2017.6.23	2019.6.25	
875		2017105169999		2017.6.29	2019.6.25	
876	LED	2017107637141		2017.8.30	2019.6.25	
877		2017108334860		2017.9.15	2019.6.25	
878		2017109106058		2017.9.29	2019.6.25	
879		201610406690X		2016.6.6	2019.6.28	
880		2005100117904		2005.5.26	2009.7.8	
881		2005101263166		2005.12.7	2011.5.11	
882		2006100894565		2006.6.28	2011.6.29	
883		2005101148897		2005.11.18	2011.12.28	
884		2008100139771		2008.1.29	2012.7.4	
885		2008100139786		2008.1.29	2012.12.5	
886		2013102367186		2013.6.14	2016.11.30	

887		2012103104963		2012.8.29	2016.11.30	
888		2010102679860		2010.8.31	2014.6.4	
889		2013103706888		2013.8.22	2015.11.4	
890		2010102834194		2010.9.16	2016.1.20	
891	3D	2010102681080		2010.8.27	2016.3.16	
892		2013103701390		2013.8.22	2016.9.28	
893		2014106415431		2014.11.13	2017.1.18	
894		2013104618691		2013.9.30	2017.4.26	
895		2013104644874		2013.9.30	2017.4.26	

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907		2016107821094		2016.8.31	2019.2.1	
908		2015110115186		2015.12.30	2019.3.12	
909		201610695615X		2016.8.19	2019.5.24	
910		2016106958545		2016.8.19	2019.6.28	
911	LED	2012100861942		2012.3.28	2015.11.18	
912		2013100353329		2013.1.30	2015.5.6	
913		2015100393876		2015.1.26	2016.12.7	
914						

925		2015102752695		2015.5.26	2017.3.22	
926		2014106795356		2014.11.24	2017.3.29	
927	HDMI	2013104918041		2013.10.18	2017.4.19	
928		2014103074308		2014.6.30	2017.7.21	
929		2015110330977		2015.12.31	2017.7.21	
930		2015110332262		2015.12.31	2017.7.21	
931		2015110144136		2015.12.31	2017.11.14	
932		2016108168669		2016.9.12	2017.11.14	
933		2016108086480		2014.7.31	2017.12.22	
934		2016106216723		2016.7.29	2018.1.9	
935		201610631757X		2016.8.4	2018.2.9	
936		2017100766368		2017.2.13	2018.3.23	
937		2016108043555		2016.9.6	2018.3.30	
938		2017103343134		2017.5.12	2018.4.17	
939	VR	2016112447316		2016.12.29	2018.4.24	
940		2016108509362		2016.9.26	2018.5.8	
941		2016112288432		2016.12.27	2018.5.22	
942	FPC	2016110980645		2016.12.3	2018.5.25	
943		2016108359929		2015.1.26	2018.6.12	
944	LED LED	2016112450342		2016.12.29	2018.6.12	

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967		2016108477910		2016.9.23	2019.1.4	
968		2016112670234		2016.12.31	2019.1.8	
969		201611145236X		2016.12.13	2019.1.18	
970		2017103642776		2017.5.22	2019.1.18	
971		2017100608580		2017.1.25	2019.1.25	
972		2016111163660		2014.7.9	2019.2.15	
973		2016109500505		2016.10.26	2019.2.15	
974		2016108718391		2016.9.30	2019.2.26	

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986			2017109843694		2017.10.20	2019.4.2
987			2016109463417		2016.10.26	2019.4.9
988			201710307113X		2017.5.4	2019.4.9
989			2016109001051		2016.10.14	2019.4.12
990			2017101181525		2017.3.1	2019.4.12
991			2017102971189		2017.4.28	2019.4.12
992			2017108892814		2017.9.27	2019.4.12
993			2016109019549		2016.10.17	2019.4.23
994			2016108347048		2014.12.26	2019.4.30
995			2018105769013		2018.5.30	2019.5.17
996			2016111417188		2015.5.26	2019.5.24
997			2016111472880		2014.6.27	2019.5.24
998		VR	2016112361531		2016.12.28	2019.5.28

1004		2016112469654		2016.12.29	2019.6.18	
1005		2016112636144		2016.12.30	2019.6.18	
1006		2017105874890		2017.7.18	2019.6.18	
1007		2017109230695		2017.9.30	2019.6.21	
1008	HMD	2017106318774		2017.7.28	2019.6.25	
1009		201711351067X		2017.12.15	2019.6.25	
1010		2016111872629		2016.12.20	2019.6.28	
1011		2009100785504		2009.2.25	2013.9.25	
1012		2009100937329		2009.9.29	2014.2.5	
1013		201210464617X		2012.11.16	2014.11.5	
1014		2012105461804		2012.12.14	2014.12.17	
1015		2012104688473		2012.11.19	2015.1.28	
1016		2012105565292		2012.12.19	2015.3.11	
1017	MIC	2012105462031		2012.12.15	2015.4.22	
1018		2012105463439		2012.12.14	2015.4.22	
1019	FPC	2012105750378		2012.12.26	2015.4.22	
1020		2013102215893				

1024		2012104687697		2012.11.19	2015.5.27	
1025		2012105533484		2012.12.19	2015.5.27	
1026		2013100295056		2013.1.25	2015.5.27	
1027		2013100497274		2013.2.7	2015.5.27	
1028		2013100142703		2013.1.15	2015.6.3	
1029	3D	2013101557164		2013.4.28	2015.6.3	
1030		2013103166733		2013.7.20	2015.6.3	
1031		2013106277808		2013.11.28	2015.6.3	
1032	3D	2013100170332		2013.1.17	2015.6.10	
1033		2012104738970		2012.11.20	2015.6.17	

1045		201310309467X		2013.7.20	2015.7.29	
1046		2012104662399		2012.11.16	2015.8.5	
1047	3D	3D	3D	2013105730400	2013.11.15	2015.9.2

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1065		2012105831178		2012.12.27	2015.12.23	
1066	NFC	2013100961288		2013.3.23	2015.12.23	
1067		2013102540476		2013.6.24	2015.12.23	
1068		2013104012253		2013.9.5	2015.12.23	
1069		201210546341X		2012.12.14	2015.12.30	
1070						

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1105		2013102721185		2013.6.29	2016.5.4	
1106		2013107129860		2013.12.20	2016.5.4	
1107		2014101515984		2014.4.16	2016.5.11	
1108		2012105863107		2012.12.30	2016.6.1	
1109		2013100165122		2013.1.16	2016.6.8	
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1111		2013105207418		2013.10.29	2016.6.8	
1112		2013106200115		2013.11.29	2016.6.8	
1113		201310633443X		2013.11.29	2016.6.8	
1114		2013106988299		2013.12.18	2016.6.8	
1115		2013107353974		2013.12.28	2016.6.8	
1116		2013107354021		2013.12.28	2016.6.8	
1117	LED	2013107483234		2013.12.31	2016.6.8	
1118		2014104808898		2014.9.19	2016.6.8	
1119		2013102694328		2013.6.29	2016.7.6	
1120		201310270263X		2013.6.29	2016.7.6	
1121		2013107525097		2013.12.31	2016.7.6	
1122		2014103561830		2014.7.24	2016.7.6	

1123		2013104936321		2013.10.18	2016.8.17	
1124		2013105266717		2013.10.30	2016.8.17	
1125		2013106864239		2013.12.13	2016.8.17	
1126		2013107080854		2013.12.20	2016.8.17	
1127	LED Mura	2013107481949		2013.12.31	2016.8.17	
1128		2014100474667		2014.2.11	2016.8.17	
1129		2014106207369		2014.11.6	2016.8.17	
1130		2015101959551		2015.4.23	2016.8.17	
1131		2013107353955		2013.12.28	2016.8.24	
1132		2013107353989		2013.12.28	2016.8.24	
1133		2013105772028		2013.11.18	2016.8.31	
1134		2013103646529		2013.8.20	2016.9.7	
1135		2013106606237		2013.12.9	2016.9.7	
1136		2013107142189		2013.12.20	2016.9.7	
1137		2014102999852		2014.6.28	2016.9.7	
1138		2014103004983		2014.6.28	2016.9.7	

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1143		2013102942402		2013.7.12	2016.9.21	
1144	HID	HID	2014102882459	2014.6.25	2016.9.21	
1145		2014107008451		2014.11.28	2016.9.21	
1146		2014108464606		2014.12.31	2016.9.21	
1147		201310434776X		2013.9.18	2016.9.28	
1148		2013107507046		2013.12.31	2016.9.28	
1149		2013107507370		2013.12.31	2016.9.28	
1150		2014108208582		2014.12.26	2016.10.5	
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1152		2013107203765		2013.12.24	2016.11.30	
1153		2014103744649		2014.7.31	2016.11.30	
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1155		2014102668099		2014.6.16	2016.12.7	
1156		2013103195670		2013.7.27	2016.12.28	
1157		2013104183172		2013.9.13	2017.1.4	
1158		2013107480113		2013.12.31	2017.1.11	
1159		2014108464127		2014.12.31	2017.1.11	
1160		201510088317X		2015.2.26	2017.1.11	
1161		201410304203X		2014.6.30	2017.1.18	



1183		201510188174X		2015.4.20	2017.3.1	
1184	LED	2014107263277		2014.12.4	2017.3.8	
1185		2015104149344		2015.7.15	2017.3.8	
1186		201510101731X		2015.3.9	2017.3.15	
1187		2013107479027		2013.12.31	2017.3.29	
1188		2014103846411		2014.8.6	2017.3.29	
1189		2014107127018		2014.12.2	2017.3.29	
1190		2015104480708		2015.7.28	2017.3.29	
1191	BGA PCB PCB	201310502693X		2013.10.23	2017.4.5	
1192		2015102505185		2015.5.15	2017.4.5	
1193		201310707242X		2013.12.20	2017.4.12	
1194		2014108232331		2014.12.26	2017.4.12	
1195		2015100713499		2015.2.11	2017.4.12	
1196		2013104348175		2013.9.18	2017.4.19	
1197	CPU USB	2013106863950		2013.12.13	2017.4.19	
1198		2013107322853		2013.12.26	2017.4.19	
1199		2013107346557		2013.12.27	2017.4.19	
1200		2014103843729		2014.8.6	2017.4.19	
1201		2014103844257		2014.8.6	2017.4.19	

1202		2014108140984		2014.12.24	2017.4.19	
1203		2014102638515		2014.6.14	2017.4.26	
1204		2014103004023		2014.6.28	2017.4.26	
1205		2014103006315		2014.6.28	2017.4.26	
1206		201410486830X		2014.9.22	2017.4.26	
1207		2014104868808		2014.9.22	2017.4.26	
1208		2014104877741		2014.9.22	2017.4.26	
1209		201410515509X		2014.9.29	2017.4.26	
1210		2014101016539		2014.3.19	2017.5.3	
1211		2014105683122		2014.10.22	2017.5.10	
1212		2014106783880		2014.11.24	2017.5.10	
1213		2014108261546		2014.12.26	2017.5.10	
1214		2014108464818		2014.12.31	2017.5.10	
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1218		2014105439725		2014.10.15	2017.5.24	
1219		2014108233368		2014.12.26	2017.5.24	
1220		2015101933392		2015.4.22	2017.5.24	
1221		2015100295002		2015.1.21	2017.5.31	

1222		2015100420534		2015.1.26	2017.5.31	
1223		2015101585515		2015.4.3	2017.5.31	
1224		2013105738563		2013.11.15	2017.6.9	
1225	NFC	2014108243054		2014.12.26	2017.6.9	
1226		201310452612X		2013.9.27	2017.6.13	
1227	3D	2014108547740		2014.12.31	2017.6.13	
1228	3D 3D 3D	201510577768X		2015.9.11	2017.6.13	
1229		2013102528629		2013.6.24	2017.6.16	
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1231		2014107460805		2014.12.8	2017.6.27	
1232		2014107888150		2014.12.19	2017.6.27	
1233		2015100733168		2015.2.10	2017.6.27	
1234		2015100733825		2015.2.11	2017.6.27	
1235		2014107450485		2014.12.9	2017.6.30	
1236		2015105262467		2015.8.25	2017.6.30	
1237		2014103047796		2014.6.30	2017.7.7	
1238		2014105980684		2014.10.30	2017.7.7	
1239		2015101038265		2015.3.10	2017.7.7	
1240		2014100348804				

1241		2013105653917		2013.11.13	2017.7.18	
1242		201510066638X		2015.2.9	2017.7.18	

1259		2015107343825		2015.11.2	2017.9.19	
1260		2015102198577		2015.5.4	2017.9.22	
1261		2014107266805		2014.12.4	2017.9.26	
1262		2014103555276		2014.7.24	2017.9.29	
1263	LED	2014106647570		2014.11.19	2017.9.29	
1264		2014106823106		2014.11.24	2017.9.29	
1265		2015102204525		2015.5.4	2017.9.29	
1266		2015102707990				

1278		2015104589486		2015.7.30	2017.10.27	
1279		2013105605504		2013.11.12	2017.10.31	
1280		2014107250864		2014.12.3	2017.11.14	
1281		2015102652396		2015.5.22	2017.11.14	
1282		201610391550X		2016.6.6	2017.11.14	
1283		2014108281003		2014.12.26	2017.11.28	
1284		2014100477538		2014.2.11	2017.12.1	
1285		2016104957656		2016.6.28	2017.12.1	
1286	BOM	2014106337856		2014.11.12	2017.12.8	
1287		2015102612276		2015.5.21	2017.12.12	
1288		2016100891452		2016.2.17	2017.12.12	
1289		2013106247022		2013.11.28	2017.12.19	
1290		201410611474X		2014.11.4	2017.12.19	
1291		2014106139978		2014.11.4	2017.12.19	
1292		2014107851565		2014.12.17	2017.12.19	
1293		2014108238639		2014.12.26	2017.12.19	
1294	NFC NFC	2014108340590		2014.12.30	2017.12.19	
1295		2015101614838		2015.4.7	2017.12.19	
1296		2014105766036		2014.10.24	2018.1.2	
1297		2014108010374		2014.12.22	2018.1.2	
1298		2015110147134		2015.12.31	2018.1.2	

1299		2013104198892		2013.9.13	2018.1.9	
1300	USB	2014103417083		2014.7.17	2018.1.12	
1301		2015101876949		2015.4.20	2018.1.12	
1302		2016106210958		2016.7.29	2018.1.19	
1303		2014108343090		2014.12.26	2018.1.30	
1304		2014108388975		2014.12.30	2018.2.2	
1305		2016107758067		2016.8.31	2018.2.2	
1306		2015102599110		2015.5.20	2018.2.6	
1307		2015105852125		2015.9.15	2018.2.6	
1308		2015110108619		2015.12.30	2018.2.9	
1309	LED LED	2014106521430		2014.11.15	2018.2.16	
1310		2014107299387		2014.12.4	2018.2.16	
1311		2015105288857		2015.8.25	2018.2.16	
1312		2016106206454		2016.7.29	2018.2.23	
1313		2016106210943		2016.7.29	2018.2.23	
1314		2014105509785		2014.10.16	2018.2.27	
1315		2014107097385		2014.11.27	2018.2.27	
1316		2015105414544		2015.8.28	2018.2.27	
1317		2014108464521		2014.12.31	2018.3.2	
1318		2016104958127		2016.6.28	2018.3.2	
1319		2015102293088		2015.5.7	2018.3.9	
1320		2014105527444		2014.10.17	2018.3.13	

1321		2015104891419		2015.8.11	2018.3.13	
1322		2015105421482		2015.8.28	2018.3.13	
1323	LLC	2014104868780		2014.9.22	2018.3.16	
1324		2014108055074		2014.12.23	2018.3.30	
1325		2015102590281		2015.5.20	2018.3.30	
1326		201410726339X		2014.12.4	2018.4.6	
1327		2014107665684		2014.12.12	2018.4.6	
1328		2015105377367		2015.8.28	2018.4.6	
1329		201610624141X		2016.7.29	2018.4.6	
1330		2014106660556		2014.11.20	2018.4.10	
1331		2015104617876		2014.1.26	2018.4.10	
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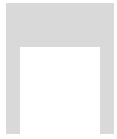
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31			211 G1-9F	1,832	2019.05.01-2020.04.30 45.83 / / 2020.05.01-2021.04.30 57.75 / / 2021.05.01-2022.04.30 60.63 / /	2019.05.01-2022.04.30	
32			100 A 5-7	18,903	349,705 /	2019.09.01-2025.08.31	
33		2	173	4,909.86 1 2,528.65 2 699.09 4,400	115,920	2020.01.01-2020.01.12	

34			10 95 201	141.97	2980 /	2019.06.11-2020.06.10	
35			4-1-1601	127.06	2200 /	2019.06.27-2020.06.26	
36			16 1 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012	2103.57	2019.11.01-2020.04.30 2020.05.01-2024.10.31 66,553.33 /	2019.11.01-2024.10.31	

182019.01.01-2019.12.30

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