



29 December 2015

**Certificate of Compliance**

REACH, Substance of Very High Concern (SVHC)

Vishay hereby certifies that all products listed in Annex - I, do not contain 168 Substances of Very High Concern (SVHC) dated 17-December-2015 above threshold value according to latest decision number ED/79/2015

List of SVHC's:

<http://echa.europa.eu/web/guest/candidate-list-table>

The information provided here is accurate to the best of our knowledge at the present time.

Note: "Components must be handled, stored, transported and disposed of in accordance with applicable laws, rules and regulations".

A handwritten signature in black ink, appearing to read "Arline Del Mundo". The signature is fluid and cursive.

**ARLINE DEL MUNDO**

Section Manager -Product Environmental Quality

Vishay Semiconductor Opto

[Environmental.Opto@vishay.com](mailto:Environmental.Opto@vishay.com) Phone: +632-8667851

[www.vishay.com](http://www.vishay.com)



## Annex - 1

Sl.Nr.	Vishay Part # / Part family	Contains SVHC(Yes/ No)	(%W/W)per article	Name of the SVHC
1	4N25	NO	N/A	N/A
2	4N25V	NO	N/A	N/A
3	4N25-X009T	NO	N/A	N/A
4	4N26	NO	N/A	N/A
5	4N26-X009T	NO	N/A	N/A
6	4N27	NO	N/A	N/A
7	4N28	NO	N/A	N/A
8	4N32	NO	N/A	N/A
9	4N32-X009T	NO	N/A	N/A
10	4N33	NO	N/A	N/A
11	4N35	NO	N/A	N/A
12	4N35-X007	NO	N/A	N/A
13	4N35-X007T	NO	N/A	N/A
14	4N35-X009T	NO	N/A	N/A
15	4N35-X017T	NO	N/A	N/A
16	4N36	NO	N/A	N/A
17	4N37	NO	N/A	N/A
18	4N38	NO	N/A	N/A
19	4N38-X007	NO	N/A	N/A
20	6N135	NO	N/A	N/A
21	6N135-X007T	NO	N/A	N/A
22	6N136	NO	N/A	N/A
23	6N136-X006	NO	N/A	N/A
24	6N137	NO	N/A	N/A
25	6N137-X006	NO	N/A	N/A
26	6N137-X007T	NO	N/A	N/A
27	6N139	NO	N/A	N/A
28	6N139-X007	NO	N/A	N/A
29	6N139-X007T	NO	N/A	N/A
30	6N139-X009T	NO	N/A	N/A
31	BP104	NO	N/A	N/A
32	BPV10	NO	N/A	N/A
33	BPV10NF	NO	N/A	N/A
34	BPV11	NO	N/A	N/A

35	BPV11F	NO	N/A	N/A
36	BPV22F	NO	N/A	N/A
37	BPV22NF	NO	N/A	N/A
38	BPV23F	NO	N/A	N/A
39	BPV23NF	NO	N/A	N/A
40	BPW16N	NO	N/A	N/A
41	BPW17N	NO	N/A	N/A
42	BPW20RF	NO	N/A	N/A
43	BPW21R	NO	N/A	N/A
44	BPW24R	NO	N/A	N/A
45	BPW34	NO	N/A	N/A
46	BPW34S	NO	N/A	N/A
47	BPW41N	NO	N/A	N/A
48	BPW46	NO	N/A	N/A
49	BPW76A	NO	N/A	N/A
50	BPW77NA	NO	N/A	N/A
51	BPW77NB	NO	N/A	N/A
52	BPW96B	NO	N/A	N/A
53	BRT12H	NO	N/A	N/A
54	CNY17-1	NO	N/A	N/A
55	CNY17-1X001	NO	N/A	N/A
56	CNY17-1X016	NO	N/A	N/A
57	CNY17-2	NO	N/A	N/A
58	CNY17-2X016	NO	N/A	N/A
59	CNY17-3	NO	N/A	N/A
60	CNY17-3X007	NO	N/A	N/A
61	CNY17-3X007T	NO	N/A	N/A
62	CNY17-3X009T	NO	N/A	N/A
63	CNY17-4	NO	N/A	N/A
64	CNY17-4X009T	NO	N/A	N/A
65	CNY17F-1	NO	N/A	N/A
66	CNY17F-2	NO	N/A	N/A
67	CNY17F-2X006	NO	N/A	N/A
68	CNY17F-2X007T	NO	N/A	N/A
69	CNY17F-2X009	NO	N/A	N/A
70	CNY17F-2X016	NO	N/A	N/A
71	CNY17F-2X017T	NO	N/A	N/A
72	CNY17F-3	NO	N/A	N/A
73	CNY17F-3X006	NO	N/A	N/A
74	CNY17F-3X007T	NO	N/A	N/A
75	CNY17F-3X009T	NO	N/A	N/A
76	CNY17G-3	NO	N/A	N/A

77	CNY64	NO	N/A	N/A
78	CNY64A	NO	N/A	N/A
79	CNY64ABST	NO	N/A	N/A
80	CNY64AGRST	NO	N/A	N/A
81	CNY64AYST	NO	N/A	N/A
82	CNY65	NO	N/A	N/A
83	CNY65A	NO	N/A	N/A
84	CNY65ABST	NO	N/A	N/A
85	CNY65AGRST	NO	N/A	N/A
86	CNY65AYST	NO	N/A	N/A
87	CNY65B	NO	N/A	N/A
88	CNY65EXI	NO	N/A	N/A
89	CNY65ST	NO	N/A	N/A
90	CNY66	NO	N/A	N/A
91	CNY70	NO	N/A	N/A
92	CNY74-2H	NO	N/A	N/A
93	CNY74-4H	NO	N/A	N/A
94	CQY36N	NO	N/A	N/A
95	CQY37N	NO	N/A	N/A
96	H11A1	NO	N/A	N/A
97	H11A3	NO	N/A	N/A
98	H11AA1	NO	N/A	N/A
99	H11B1	NO	N/A	N/A
100	H11B1-X007	NO	N/A	N/A
101	H11D1-X007	NO	N/A	N/A
102	H11D1-X007T	NO	N/A	N/A
103	IL1207AT	NO	N/A	N/A
104	IL205AT	NO	N/A	N/A
105	IL206AT	NO	N/A	N/A
106	IL207AT	NO	N/A	N/A
107	IL208AT	NO	N/A	N/A
108	IL213AT	NO	N/A	N/A
109	IL217AT	NO	N/A	N/A
110	IL223AT	NO	N/A	N/A
111	IL250	NO	N/A	N/A
112	IL251-X009T	NO	N/A	N/A
113	IL252-X009T	NO	N/A	N/A
114	IL252-X016	NO	N/A	N/A
115	IL252-X017	NO	N/A	N/A
116	IL252-X017T	NO	N/A	N/A
117	IL256AT	NO	N/A	N/A
118	IL2-X009T	NO	N/A	N/A

119	IL300	NO	N/A	N/A
120	IL300-DEFG	NO	N/A	N/A
121	IL300-DEFG-X001	NO	N/A	N/A
122	IL300-DEFG-X007	NO	N/A	N/A
123	IL300-DEFG-X007T	NO	N/A	N/A
124	IL300-DEFG-X016	NO	N/A	N/A
125	IL300-DEFG-X017	NO	N/A	N/A
126	IL300-E	NO	N/A	N/A
127	IL300-EF	NO	N/A	N/A
128	IL300-EF-X001	NO	N/A	N/A
129	IL300-EF-X009T	NO	N/A	N/A
130	IL300-EF-X016	NO	N/A	N/A
131	IL300-F	NO	N/A	N/A
132	IL300-F-X007	NO	N/A	N/A
133	IL300-F-X009T	NO	N/A	N/A
134	IL300-F-X017T	NO	N/A	N/A
135	IL410	NO	N/A	N/A
136	IL4108	NO	N/A	N/A
137	IL4108-X007	NO	N/A	N/A
138	IL4108-X007T	NO	N/A	N/A
139	IL410-X007T	NO	N/A	N/A
140	IL410-X009	NO	N/A	N/A
141	IL410-X009T	NO	N/A	N/A
142	IL420	NO	N/A	N/A
143	IL4208	NO	N/A	N/A
144	IL4208-X007T	NO	N/A	N/A
145	IL4208-X009T	NO	N/A	N/A
146	IL420-X001	NO	N/A	N/A
147	IL420-X006	NO	N/A	N/A
148	IL420-X007T	NO	N/A	N/A
149	IL420-X009T	NO	N/A	N/A
150	IL420-X017T	NO	N/A	N/A
151	IL4216	NO	N/A	N/A
152	IL4216-X009	NO	N/A	N/A
153	IL4218	NO	N/A	N/A
154	IL4218-X001	NO	N/A	N/A
155	IL4218-X017T	NO	N/A	N/A
156	IL4218-X019	NO	N/A	N/A
157	IL66-1	NO	N/A	N/A
158	ILD2	NO	N/A	N/A
159	ILD205T	NO	N/A	N/A
160	ILD207T	NO	N/A	N/A

161	ILD211T	NO	N/A	N/A
162	ILD213T	NO	N/A	N/A
163	ILD217T	NO	N/A	N/A
164	ILD223T	NO	N/A	N/A
165	ILD256T	NO	N/A	N/A
166	ILD2-X007	NO	N/A	N/A
167	ILD2-X007T	NO	N/A	N/A
168	ILD2-X009	NO	N/A	N/A
169	ILD2-X009T	NO	N/A	N/A
170	ILD5	NO	N/A	N/A
171	ILD55	NO	N/A	N/A
172	ILD615-2X016	NO	N/A	N/A
173	ILD620	NO	N/A	N/A
174	ILD620GB	NO	N/A	N/A
175	ILD620GB-X009T	NO	N/A	N/A
176	ILD621	NO	N/A	N/A
177	ILD621-X009T	NO	N/A	N/A
178	ILD74	NO	N/A	N/A
179	ILD755-2	NO	N/A	N/A
180	ILQ1	NO	N/A	N/A
181	ILQ2	NO	N/A	N/A
182	ILQ32-X009	NO	N/A	N/A
183	ILQ32-X009T	NO	N/A	N/A
184	ILQ615-2	NO	N/A	N/A
185	ILQ615-4	NO	N/A	N/A
186	ILQ620GB	NO	N/A	N/A
187	ILQ620GB-X009	NO	N/A	N/A
188	ILQ620-X009	NO	N/A	N/A
189	ILQ621GB	NO	N/A	N/A
190	ILQ66-4-X009T	NO	N/A	N/A
191	K3010P	NO	N/A	N/A
192	K3011P	NO	N/A	N/A
193	K3012P	NO	N/A	N/A
194	K3020P	NO	N/A	N/A
195	K3021P	NO	N/A	N/A
196	K3021PG	NO	N/A	N/A
197	K814P	NO	N/A	N/A
198	K844P	NO	N/A	N/A
199	LH1262CAC	NO	N/A	N/A
200	LH1262CACTR	NO	N/A	N/A
201	LH1500AAB	NO	N/A	N/A
202	LH1500AABTR	NO	N/A	N/A

203	LH1500AT	NO	N/A	N/A
204	LH1501BT	NO	N/A	N/A
205	LH1502BACTR	NO	N/A	N/A
206	LH1503AB	NO	N/A	N/A
207	LH1510AAB	NO	N/A	N/A
208	LH1510AABTR	NO	N/A	N/A
209	LH1511BABTR	NO	N/A	N/A
210	LH1511BT	NO	N/A	N/A
211	LH1512BACTR	NO	N/A	N/A
212	LH1512BB	NO	N/A	N/A
213	LH1518AAB	NO	N/A	N/A
214	LH1518AT	NO	N/A	N/A
215	LH1520AACTR	NO	N/A	N/A
216	LH1521BACTR	NO	N/A	N/A
217	LH1522AACTR	NO	N/A	N/A
218	LH1523BAC	NO	N/A	N/A
219	LH1525AABTR	NO	N/A	N/A
220	LH1526AACTR	NO	N/A	N/A
221	LH1526AB	NO	N/A	N/A
222	LH1529AAC	NO	N/A	N/A
223	LH1532AAC	NO	N/A	N/A
224	LH1532AACTR	NO	N/A	N/A
225	LH1532FP	NO	N/A	N/A
226	LH1535AAB	NO	N/A	N/A
227	LH1540AAB	NO	N/A	N/A
228	LH1540AABTR	NO	N/A	N/A
229	LH1540ACDTR	NO	N/A	N/A
230	LH1540AT	NO	N/A	N/A
231	LH1546AAB-E3	NO	N/A	N/A
232	LH1546AABTR	NO	N/A	N/A
233	LH1546AD	NO	N/A	N/A
234	LH1546ADFTR	NO	N/A	N/A
235	LH1546AEF	NO	N/A	N/A
236	LH1546AEFTR	NO	N/A	N/A
237	MCT6	NO	N/A	N/A
238	MCT6H	NO	N/A	N/A
239	MOC8101	NO	N/A	N/A
240	MOC8102-X016	NO	N/A	N/A
241	MOC8102-X017	NO	N/A	N/A
242	MOC8102-X017T	NO	N/A	N/A
243	MOC8103	NO	N/A	N/A
244	MOC8104	NO	N/A	N/A

245	MOC8104-X019T	NO	N/A	N/A
246	SFH610A-1X016	NO	N/A	N/A
247	SFH6139-X006	NO	N/A	N/A
248	SFH6156-1X001T	NO	N/A	N/A
249	SFH6156-2X001	NO	N/A	N/A
250	SFH6156-2X001T	NO	N/A	N/A
251	SFH6156-3X001	NO	N/A	N/A
252	SFH6156-3X001T	NO	N/A	N/A
253	SFH6156-4X001T	NO	N/A	N/A
254	SFH618A-4X016	NO	N/A	N/A
255	SFH618A-5X017T	NO	N/A	N/A
256	SFH620A-3-X006	NO	N/A	N/A
257	SFH6701-X009	NO	N/A	N/A
258	SFH6701-X009T	NO	N/A	N/A
259	SFH6731-X017T	NO	N/A	N/A
260	SFH690BT-X001	NO	N/A	N/A
261	SFH690D-X001T	NO	N/A	N/A
262	TCDT1101	NO	N/A	N/A
263	TCDT1102	NO	N/A	N/A
264	TCET1100	NO	N/A	N/A
265	TCET1101G	NO	N/A	N/A
266	TCET1102G	NO	N/A	N/A
267	TCET1103	NO	N/A	N/A
268	TCET1103G	NO	N/A	N/A
269	TCET1106	NO	N/A	N/A
270	TCET1106G	NO	N/A	N/A
271	TCET1107G	NO	N/A	N/A
272	TCLD1000	NO	N/A	N/A
273	TCLT1000	NO	N/A	N/A
274	TCLT1002	NO	N/A	N/A
275	TCLT1007	NO	N/A	N/A
276	TCLT1008	NO	N/A	N/A
277	TCLT1009	NO	N/A	N/A
278	TCLT1016	NO	N/A	N/A
279	TCLT1100	NO	N/A	N/A
280	TCLT1103	NO	N/A	N/A
281	TCLT1600	NO	N/A	N/A
282	TCMD1000	NO	N/A	N/A
283	TCMD4000	NO	N/A	N/A
284	TCMT1100	NO	N/A	N/A
285	TCMT1102	NO	N/A	N/A
286	TCMT1103	NO	N/A	N/A



287	TCMT1106	NO	N/A	N/A
288	TCMT1107	NO	N/A	N/A
289	TCMT1108	NO	N/A	N/A
290	TCMT1109	NO	N/A	N/A
291	TCMT1600	NO	N/A	N/A
292	TCMT4100	NO	N/A	N/A
293	TCMT4100	NO	N/A	N/A
294	TCMT4106	NO	N/A	N/A
295	TCMT4600	NO	N/A	N/A
296	TCND5000	NO	N/A	N/A
297	TCPT1300X01	NO	N/A	N/A
298	TCPT1350X01	NO	N/A	N/A
299	TCRT1010	NO	N/A	N/A
300	TCRT5000L	NO	N/A	N/A
301	TCST1202	NO	N/A	N/A
302	TCST1300	NO	N/A	N/A
303	TCST2103	NO	N/A	N/A
304	TCST2300	NO	N/A	N/A
305	TCST5250	NO	N/A	N/A
306	TCUT1300X01	NO	N/A	N/A
307	TCUT1350X01	NO	N/A	N/A
308	TDCG1050M	NO	N/A	N/A
309	TEKT5400S	NO	N/A	N/A
310	TEMD1000	NO	N/A	N/A
311	TEMD1020	NO	N/A	N/A
312	TEMD5010X01	NO	N/A	N/A
313	TEMD5020X01	NO	N/A	N/A
314	TEMD5080X01	NO	N/A	N/A
315	TEMD5110X01	NO	N/A	N/A
316	TEMD5510FX01	NO	N/A	N/A
317	TEMD6010FX01	NO	N/A	N/A
318	TEMD6200FX01	NO	N/A	N/A
319	TEMD7000X01	NO	N/A	N/A
320	TEMD7100X01	NO	N/A	N/A
321	TEMT1000	NO	N/A	N/A
322	TEMT1020	NO	N/A	N/A
323	TEMT6000	NO	N/A	N/A
324	TEMT6000X01	NO	N/A	N/A
325	TEMT6200F	NO	N/A	N/A
326	TEMT6200FX01	NO	N/A	N/A
327	TEPT5600	NO	N/A	N/A
328	TEPT5700	NO	N/A	N/A

329	TFBS4650-TR1	NO	N/A	N/A
330	TFBS4650-TR3	NO	N/A	N/A
331	TFBS4711-TR1	NO	N/A	N/A
332	TFBS4711-TR3	NO	N/A	N/A
333	TFBS4711-TT1	NO	N/A	N/A
334	TFBS6712-TR1	NO	N/A	N/A
335	TFDU4101-TR3	NO	N/A	N/A
336	TFDU4101-TT3	NO	N/A	N/A
337	TFDU4300-TT3	NO	N/A	N/A
338	TFDU6300-TR3	NO	N/A	N/A
339	TLCR5800	NO	N/A	N/A
340	TLCY5800	NO	N/A	N/A
341	TLDR5800	NO	N/A	N/A
342	TLHB5400	NO	N/A	N/A
343	TLHG5200	NO	N/A	N/A
344	TLHG5800	NO	N/A	N/A
345	TLHG6400	NO	N/A	N/A
346	TLHG6405	NO	N/A	N/A
347	TLHR5200	NO	N/A	N/A
348	TLHR5400	NO	N/A	N/A
349	TLHR5401	NO	N/A	N/A
350	TLHR6400	NO	N/A	N/A
351	TLHR6405	NO	N/A	N/A
352	TLHY5200	NO	N/A	N/A
353	TLHY6401	NO	N/A	N/A
354	TLMO1000-GS08	NO	N/A	N/A
355	TLMS1000-GS08	NO	N/A	N/A
356	TLMY1000-GS08	NO	N/A	N/A
357	TLUR5401	NO	N/A	N/A
358	TLUR6400	NO	N/A	N/A
359	TUV5300	NO	N/A	N/A
360	TSAL6100	NO	N/A	N/A
361	TSAL6200	NO	N/A	N/A
362	TSAL6400	NO	N/A	N/A
363	TSDP34156	NO	N/A	N/A
364	TSFF5210	NO	N/A	N/A
365	TSFF5410	NO	N/A	N/A
366	TSHF5210	NO	N/A	N/A
367	TSHF5210-ES21	NO	N/A	N/A
368	TSHF5410	NO	N/A	N/A
369	TSHF6410	NO	N/A	N/A
370	TSHG5210	NO	N/A	N/A

371	TSHG5410	NO	N/A	N/A
372	TSHG6200	NO	N/A	N/A
373	TSHG6400	NO	N/A	N/A
374	TSHG6410	NO	N/A	N/A
375	TSHG8200	NO	N/A	N/A
376	TSHG8400	NO	N/A	N/A
377	TSKS5400S	NO	N/A	N/A
378	TSMF1000	NO	N/A	N/A
379	TSMF1020	NO	N/A	N/A
380	TSML1000	NO	N/A	N/A
381	TSML1020	NO	N/A	N/A
382	TSMS3700-GS08	NO	N/A	N/A
383	TSOP2138	NO	N/A	N/A
384	TSOP2236	NO	N/A	N/A
385	TSOP2238	NO	N/A	N/A
386	TSOP2240	NO	N/A	N/A
387	TSOP2438	NO	N/A	N/A
388	TSOP31230	NO	N/A	N/A
389	TSOP31236	NO	N/A	N/A
390	TSOP31238	NO	N/A	N/A
391	TSOP31336	NO	N/A	N/A
392	TSOP32138	NO	N/A	N/A
393	TSOP32238	NO	N/A	N/A
394	TSOP34138	NO	N/A	N/A
395	TSOP34156	NO	N/A	N/A
396	TSOP34338	NO	N/A	N/A
397	TSOP34838YA1	NO	N/A	N/A
398	TSOP34840SS1PS21	NO	N/A	N/A
399	TSOP36236TT	NO	N/A	N/A
400	TSOP36240TR	NO	N/A	N/A
401	TSOP36240TT	NO	N/A	N/A
402	TSOP36436TT	NO	N/A	N/A
403	TSOP38236	NO	N/A	N/A
404	TSOP38238	NO	N/A	N/A
405	TSOP4138	NO	N/A	N/A
406	TSOP4836	NO	N/A	N/A
407	TSOP4838	NO	N/A	N/A
408	TSOP4840	NO	N/A	N/A
409	TSOP4840SJ1	NO	N/A	N/A
410	TSOP58140	NO	N/A	N/A
411	TSOP58238	NO	N/A	N/A
412	TSOP6136TR	NO	N/A	N/A

413	TSOP6138TR	NO	N/A	N/A
414	TSOP6156TT	NO	N/A	N/A
415	TSOP6236TR	NO	N/A	N/A
416	TSOP6236TT	NO	N/A	N/A
417	TSOP6240TT	NO	N/A	N/A
418	TSOP6256TT	NO	N/A	N/A
419	TSOP6438TT	NO	N/A	N/A
420	TSOP75236TT	NO	N/A	N/A
421	TSOP75238TR	NO	N/A	N/A
422	TSOP75238TT	NO	N/A	N/A
423	TSOP75238WTR	NO	N/A	N/A
424	TSOP75238WTT	NO	N/A	N/A
425	TSOP75340TT	NO	N/A	N/A
426	TSOP75436WTT	NO	N/A	N/A
427	TSOP75438TT	NO	N/A	N/A
428	TSOP75438WTR	NO	N/A	N/A
429	TSOP75438WTT	NO	N/A	N/A
430	TSOP85238TR	NO	N/A	N/A
431	TSOP85238TT	NO	N/A	N/A
432	TSSF4500	NO	N/A	N/A
433	TSSP4038	NO	N/A	N/A
434	TSSP57038TT1	NO	N/A	N/A
435	TSSP58038	NO	N/A	N/A
436	TSSP6038TT	NO	N/A	N/A
437	TSSP77038TR	NO	N/A	N/A
438	TSSS2600	NO	N/A	N/A
439	TSTA7100	NO	N/A	N/A
440	TSTA7300	NO	N/A	N/A
441	TSTS7100	NO	N/A	N/A
442	TSUS5400	NO	N/A	N/A
443	TSUS5402	NO	N/A	N/A
444	VBP104FAS	NO	N/A	N/A
445	VBPW34FAS	NO	N/A	N/A
446	VBPW34FASR	NO	N/A	N/A
447	VBPW34SR	NO	N/A	N/A
448	VCNL3020-GS08	NO	N/A	N/A
449	VCNL4010-GS08	NO	N/A	N/A
450	VCNL4020-GS08	NO	N/A	N/A
451	VEMD2020X01	NO	N/A	N/A
452	VEMD2500X01	NO	N/A	N/A
453	VEMD2523SLX01	NO	N/A	N/A
454	VEMD5010X01	NO	N/A	N/A

455	VEMD6010X01	NO	N/A	N/A
456	VEMD6110X01	NO	N/A	N/A
457	VEMT2000X01	NO	N/A	N/A
458	VEMT2020X01	NO	N/A	N/A
459	VEMT2503X01	NO	N/A	N/A
460	VEMT3700F-GS08	NO	N/A	N/A
461	VEMT3700-GS08	NO	N/A	N/A
462	VEMT4700-GS08	NO	N/A	N/A
463	VLDR1235G	NO	N/A	N/A
464	VLDY1235G	NO	N/A	N/A
465	VLHW4100	NO	N/A	N/A
466	VLMA3100-GS08	NO	N/A	N/A
467	VLMB1300-GS08	NO	N/A	N/A
468	VLMB1310-GS08	NO	N/A	N/A
469	VLMB1500-GS08	NO	N/A	N/A
470	VLMB31J2L2-GS08	NO	N/A	N/A
471	VLMB41P1Q2-GS08	NO	N/A	N/A
472	VLMC3101-GS08	NO	N/A	N/A
473	VLMD3100-GS08	NO	N/A	N/A
474	VLME31S1T1-GS18	NO	N/A	N/A
475	VLMG1300-GS08	NO	N/A	N/A
476	VLMG1500-GS08	NO	N/A	N/A
477	VLMG21K1L2-GS08	NO	N/A	N/A
478	VLMG3100-GS08	NO	N/A	N/A
479	VLMG3102-GS08	NO	N/A	N/A
480	VLMH3100-GS08	NO	N/A	N/A
481	VLMK3100-GS08	NO	N/A	N/A
482	VLMK33Q2T1-GS18	NO	N/A	N/A
483	VLMO1300-GS08	NO	N/A	N/A
484	VLMO1500-GS08	NO	N/A	N/A
485	VLMO20J2M1-GS08	NO	N/A	N/A
486	VLMO233U1AA-GS08	NO	N/A	N/A
487	VLMRGB343-ST-UV-RS	NO	N/A	N/A
488	VLMS1300-GS08	NO	N/A	N/A
489	VLMS1500-GS08	NO	N/A	N/A
490	VLMS20J2L1-GS08	NO	N/A	N/A
491	VLMS30K1L2-GS08	NO	N/A	N/A
492	VLMS33S1T2-GS08	NO	N/A	N/A
493	VLMS33S1U1-GS08	NO	N/A	N/A
494	VLMT3100-GS08	NO	N/A	N/A
495	VLMTG1300-GS08	NO	N/A	N/A
496	VLMU3100-GS08	NO	N/A	N/A

497	VLMV3100-GS08	NO	N/A	N/A
498	VLMW11R2S2-5K8L-08	NO	N/A	N/A
499	VLMW1300-GS08	NO	N/A	N/A
500	VLMW1500-GS08	NO	N/A	N/A
501	VLMW41R1T1-5K8L-08	NO	N/A	N/A
502	VLMW41R1T1-5K8L-18	NO	N/A	N/A
503	VLMW41S1T1-5K8L-08	NO	N/A	N/A
504	VLMW41S1T1-5K8L-18	NO	N/A	N/A
505	VLMW51Q2R3-GS08	NO	N/A	N/A
506	VLMW712U2U3XV-GS08	NO	N/A	N/A
507	VLMY1300-GS08	NO	N/A	N/A
508	VLMY1500-GS08	NO	N/A	N/A
509	VLMY234ABCA-GS08	NO	N/A	N/A
510	VLMY3001GS08	NO	N/A	N/A
511	VLMY30K2M1-GS08	NO	N/A	N/A
512	VLMY3100-GS08	NO	N/A	N/A
513	VO0600T	NO	N/A	N/A
514	VO0601T	NO	N/A	N/A
515	VO0611T	NO	N/A	N/A
516	VO0630T	NO	N/A	N/A
517	VO0631T	NO	N/A	N/A
518	VO0661T	NO	N/A	N/A
519	VO1263AAC	NO	N/A	N/A
520	VO1263AACTR	NO	N/A	N/A
521	VO1400AEFTR	NO	N/A	N/A
522	VO14642AT	NO	N/A	N/A
523	VO207AT	NO	N/A	N/A
524	VO2223	NO	N/A	N/A
525	VO2223A	NO	N/A	N/A
526	VO2223A-X001	NO	N/A	N/A
527	VO2223A-X007T	NO	N/A	N/A
528	VO2601	NO	N/A	N/A
529	VO2601-X007T	NO	N/A	N/A
530	VO2611	NO	N/A	N/A
531	VO2611-X006	NO	N/A	N/A
532	VO2611-X007T	NO	N/A	N/A
533	VO2611-X016	NO	N/A	N/A
534	VO2630	NO	N/A	N/A
535	VO2630-X007T	NO	N/A	N/A
536	VO2630-X017T	NO	N/A	N/A
537	VO2631	NO	N/A	N/A
538	VO2631-X007T	NO	N/A	N/A

539	VO3053	NO	N/A	N/A
540	VO3063	NO	N/A	N/A
541	VO3120	NO	N/A	N/A
542	VO3120-X007T	NO	N/A	N/A
543	VO3150A	NO	N/A	N/A
544	VO3150A-X007T	NO	N/A	N/A
545	VO4156D	NO	N/A	N/A
546	VO4158D	NO	N/A	N/A
547	VO4158M	NO	N/A	N/A
548	VO4256D	NO	N/A	N/A
549	VO4257H	NO	N/A	N/A
550	VO4258D	NO	N/A	N/A
551	VO615A-2X007T	NO	N/A	N/A
552	VO615A-3	NO	N/A	N/A
553	VO615A-3X007T	NO	N/A	N/A
554	VO615A-3X017T	NO	N/A	N/A
555	VO615A-4X007T	NO	N/A	N/A
556	VO615A-4X019T	NO	N/A	N/A
557	VO615A-6X017T	NO	N/A	N/A
558	VO615A-7X007T	NO	N/A	N/A
559	VO615A-7X009T	NO	N/A	N/A
560	VO615A-9X007T	NO	N/A	N/A
561	VO617A	NO	N/A	N/A
562	VO617A-3	NO	N/A	N/A
563	VO617A-7X017T	NO	N/A	N/A
564	VO618A	NO	N/A	N/A
565	VO618A-3	NO	N/A	N/A
566	VO618A-3X017T	NO	N/A	N/A
567	VOD205T	NO	N/A	N/A
568	VOD206T	NO	N/A	N/A
569	VOD207T	NO	N/A	N/A
570	VOD211T	NO	N/A	N/A
571	VOD223T	NO	N/A	N/A
572	VOL617A-1T	NO	N/A	N/A
573	VOL618A-3T	NO	N/A	N/A
574	VOM160NT	NO	N/A	N/A
575	VOM160N-X001T	NO	N/A	N/A
576	VOM3052T	NO	N/A	N/A
577	VOM3053T	NO	N/A	N/A
578	VOM452T	NO	N/A	N/A
579	VOM453T	NO	N/A	N/A
580	VOM617A-2T	NO	N/A	N/A

581	VOM617A-3T	NO	N/A	N/A
582	VOM618A-1T	NO	N/A	N/A
583	VOM618A-2T	NO	N/A	N/A
584	VOM618A-3T	NO	N/A	N/A
585	VOM618A-7T	NO	N/A	N/A
586	VOS617A-3X001T	NO	N/A	N/A
587	VOS617A-9T	NO	N/A	N/A
588	VOW135-X017T	NO	N/A	N/A
589	VOW136-X017T	NO	N/A	N/A
590	VOW137-X017T	NO	N/A	N/A
591	VOW3120-X017T	NO	N/A	N/A
592	VSLY5850	NO	N/A	N/A
593	VSMB1940X01	NO	N/A	N/A
594	VSMB2000X01	NO	N/A	N/A
595	VSMB294008G	NO	N/A	N/A
596	VSMB2943GX01	NO	N/A	N/A
597	VSMB2943RGX01	NO	N/A	N/A
598	VSMB2943SLX01	NO	N/A	N/A
599	VSMB3940X01-GS08	NO	N/A	N/A
600	VSMF2890GX01	NO	N/A	N/A
601	VSMF3710-GS08	NO	N/A	N/A
602	VSMF4710-GS08	NO	N/A	N/A
603	VSMG10850	NO	N/A	N/A
604	VSMG2700-GS08	NO	N/A	N/A
605	VSMG285011G	NO	N/A	N/A
606	VSMG3700-GS08	NO	N/A	N/A
607	VSML3710-GS08	NO	N/A	N/A
608	VSMS3700-GS08	NO	N/A	N/A
609	VSMY1850	NO	N/A	N/A
610	VSMY2850G	NO	N/A	N/A
611	VSMY2853G	NO	N/A	N/A
612	VSMY2853RG	NO	N/A	N/A
613	VSMY2853SL	NO	N/A	N/A
614	VSMY7850X01-GS08	NO	N/A	N/A
615	VSMY98545	NO	N/A	N/A
616	VSOP38338	NO	N/A	N/A