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**REACH 197 SVHC Certificate of Compliance**

**Date: 2019-March-14**

**Products: All products**

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Dear Valued Customer,

Valens Semiconductor Ltd, has conducted a survey of its manufacturing subcontractors to assess the impact of “Substances of Very High Concern” (i.e. SVHC) on its products.

Based upon this assessment, Valens Semiconductor Ltd. hereby certifies that the above-mentioned products do not contain any of the REACH Substances of Very High Concern (SVHC), as specified in the Candidate List of Substances published on Jan 15, 2019 by ECHA (European Chemical Agency) above the 0.1% (w/w) threshold.

More information can be found at <http://echa.europa.eu/candidate-list-table>.

The above statement is based on information provided by Valens’ suppliers and is accurate to the best of our knowledge.

A handwritten signature in blue ink, appearing to read 'i.fat.', is positioned above a horizontal line.

Ifat Kaufman, Quality Manager

Quality@valens.com

## SVHC Candidate List

#	Substance Name	CAS Number	EC Number	Date of inclusion
1	Lead hydrogen arsenate	7784-40-9	232-064-2	28 October 2008
2	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	28 October 2008
3	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	28 October 2008 17 December 2014
4	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	28 October 2008
5	Diarsenic trioxide	1327-53-3	215-481-4	28 October 2008
6	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	28 October 2008
7	Triethyl arsenate	15606-95-8	427-700-2	28 October 2008
8	Diarsenic pentaoxide	1303-28-2	215-116-9	28 October 2008
9	Sodium dichromate	7789-12-0, 10588-01-9	234-190-3	28 October 2008
10	Dibutyl phthalate (DBP)	84-74-2	201-557-4	28 October 2008
11	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	28 October 2008
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	28 October 2008
13	Anthracene	120-12-7	204-371-1	28 October 2008
14	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	247-148-4 and 221-695-9	28 October 2008
15	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	13 January 2010
16	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	13 January 2010
17	Anthracene oil	90640-80-5	292-602-7	13 January 2010
18	2,4-Dinitrotoluene	121-14-2	204-450-0	13 January 2010
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	13 January 2010
20	Anthracene oil, anthracene-low	90640-82-7	292-604-8	13 January 2010
21	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	13 January 2010
22	Diisobutyl phthalate	84-69-5	201-553-2	13 January 2010

#	Substance Name	CAS Number	EC Number	Date of inclusion
23	Lead chromate	7758-97-6	231-846-0	13 January 2010
24	Anthracene oil, anthracene paste	90640-81-6	292-603-2	13 January 2010
25	Pitch, coal tar, high temp.	65996-93-2	266-028-2	13 January 2010
26	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	13 January 2010
27	Acrylamide	79-06-1	201-173-7	30 March 2010
28	Trichloroethylene	79-01-6	201-167-4	18 June 2010
29	Potassium dichromate	7778-50-9	231-906-6	18 June 2010
30	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	18 June 2010
31	Ammonium dichromate	7789-09-5	232-143-1	18 June 2010
32	Boric acid	10043-35-3, 11113-50-1	233-139-2, 234-343-4	18 June 2010
33	Sodium chromate	7775-11-3	231-889-5	18 June 2010
34	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	215-540-4	18 June 2010
35	Potassium chromate	7789-00-6	232-140-5	18 June 2010
36	Cobalt(II) diacetate	71-48-7	200-755-8	15 December 2010
37	Cobalt(II) sulphate	10124-43-3	233-334-2	15 December 2010
38	2-Ethoxyethanol	110-80-5	203-804-1	15 December 2010
39	Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	7738-94-5, 13530-68-2	231-801-5, 236-881-5	15 December 2010
40	2-Methoxyethanol	109-86-4	203-713-7	15 December 2010
41	Chromium trioxide	1333-82-0	215-607-8	15 December 2010
42	Cobalt(II) carbonate	513-79-1	208-169-4	15 December 2010
43	Cobalt(II) dinitrate	10141-05-6	233-402-1	15 December 2010
44	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	20 June 2011
45	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	20 June 2011
46	Strontium chromate	7789-06-2	232-142-6	20 June 2011
47	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	20 June 2011

#	Substance Name	CAS Number	EC Number	Date of inclusion
48	1,2,3-Trichloropropane	96-18-4	202-486-1	20 June 2011
49	2-Ethoxyethyl acetate	111-15-9	203-839-2	20 June 2011
50	Hydrazine	302-01-2, 7803-57-8	206-114-9	20 June 2011
51	Cobalt dichloride	7646-79-9	231-589-4	20 June 2011
52	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	19 December 2011
53	N,N-dimethylacetamide	127-19-5	204-826-4	19 December 2011
54	Phenolphthalein	77-09-8	201-004-7	19 December 2011
55	Lead diazide, Lead azide	13424-46-9	236-542-1	19 December 2011
56	Lead dipicrate	6477-64-1	229-335-2	19 December 2011
57	1,2-dichloroethane	107-06-2	203-458-1	19 December 2011
58	Calcium arsenate	7778-44-1	231-904-5	19 December 2011
59	Dichromium tris(chromate)	24613-89-6	246-356-2	19 December 2011
60	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	19 December 2011
61	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	19 December 2011
62	Arsenic acid	7778-39-4	231-901-9	19 December 2011
63	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	19 December 2011
64	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	19 December 2011
65	Lead styphnate	15245-44-0	239-290-0	19 December 2011
66	Trilead diarsenate	3687-31-8	222-979-5	19 December 2011
67	Zirconia Aluminosilicate Refractory Ceramic Fibres			19 December 2011
68	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	19 December 2011
69	Aluminosilicate Refractory Ceramic Fibres			19 December 2011
70	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	19 December 2011
71	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	19 December 2011
72	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	18 June 2012

#	Substance Name	CAS Number	EC Number	Date of inclusion
73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	18 June 2012
74	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	59653-74-6	423-400-0	18 June 2012
75	Diboron trioxide	1303-86-2	215-125-8	18 June 2012
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	18 June 2012
77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	18 June 2012
78	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	18 June 2012
79	Formamide	75-12-7	200-842-0	18 June 2012
80	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	18 June 2012
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	18 June 2012
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	18 June 2012
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	18 June 2012
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	18 June 2012
85	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	19 December 2012
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	19 December 2012
87	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	19 December 2012
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	19 December 2012

#	Substance Name	CAS Number	EC Number	Date of inclusion
89	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3]	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	19 December 2012
90	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	19 December 2012
91	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	19 December 2012
92	Lead dinitrate	10099-74-8	233-245-9	19 December 2012
93	Silicic acid, lead salt	11120-22-2	234-363-3	19 December 2012
94	4-Aminoazobenzene	60-09-3	200-453-6	19 December 2012
95	Lead titanium zirconium oxide	12626-81-2	235-727-4	19 December 2012
96	Lead monoxide (lead oxide)	1317-36-8	215-267-0	19 December 2012
97	o-Toluidine	95-53-4	202-429-0	19 December 2012
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	19 December 2012
99	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	68784-75-8	272-271-5	19 December 2012
100	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	19 December 2012
101	Furan	110-00-9	203-727-3	19 December 2012
102	N,N-dimethylformamide	68-12-2	200-679-5	19 December 2012
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	19 December 2012
104	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	19 December 2012
105	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	19 December 2012
106	Diethyl sulphate	64-67-5	200-589-6	19 December 2012
107	Dimethyl sulphate	77-78-1	201-058-1	19 December 2012

#	Substance Name	CAS Number	EC Number	Date of inclusion
108	Lead oxide sulfate	12036-76-9	234-853-7	19 December 2012
109	Lead titanium trioxide	12060-00-3	235-038-9	19 December 2012
110	Acetic acid, lead salt, basic	51404-69-4	257-175-3	19 December 2012
111	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	19 December 2012
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	19 December 2012
113	N-methylacetamide	79-16-3	201-182-6	19 December 2012
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	19 December 2012
115	1,2-Diethoxyethane	629-14-1	211-076-1	19 December 2012
116	Tetralead trioxide sulphate	12202-17-4	235-380-9	19 December 2012
117	N-pentyl-isopentylphthalate	776297-69-9	-	19 December 2012
118	Dioxobis(stearato)trilead	12578-12-0	235-702-8	19 December 2012
119	Tetraethyllead	78-00-2	201-075-4	19 December 2012
120	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	19 December 2012
121	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	19 December 2012
122	Tricosafuorododecanoic acid	307-55-1	206-203-2	19 December 2012
123	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	19 December 2012
124	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	19 December 2012
125	Methoxyacetic acid	625-45-6	210-894-6	19 December 2012
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	19 December 2012
127	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	19 December 2012
128	Trilead dioxide phosphonate	12141-20-7	235-252-2	19 December 2012
129	o-aminoazotoluene	97-56-3	202-591-2	19 December 2012
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	19 December 2012
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	19 December 2012
132	Orange lead (lead tetroxide)	1314-41-6	215-235-6	19 December 2012
133	Biphenyl-4-ylamine	92-67-1	202-177-1	19 December 2012
134	Diisopentylphthalate	605-50-5	210-088-4	19 December 2012
135	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	19 December 2012

#	Substance Name	CAS Number	EC Number	Date of inclusion
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	19 December 2012
137	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	19 December 2012
138	Lead cyanamidate	20837-86-9	244-073-9	19 December 2012
139	Cadmium	7440-43-9	231-152-8	20 June 2013
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	20 June 2013
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	20 June 2013
142	Dipentyl phthalate (DPP)	131-18-0	205-017-9	20 June 2013
143	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-		20 June 2013
144	Cadmium oxide	1306-19-0	215-146-2	20 June 2013
145	Trixylyl phosphate	25155-23-1	246-677-8	16 December 2013
146	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo) naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	16 December 2013
147	Dihexyl phthalate	84-75-3	201-559-5	16 December 2013
148	Cadmium sulphide	1306-23-6	215-147-8	16 December 2013
149	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	16 December 2013
150	Lead di(acetate)	301-04-2	206-104-4	16 December 2013
151	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	16 December 2013
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	16 June 2014
153	Cadmium chloride	10108-64-2	233-296-7	16 June 2014



#	Substance Name	CAS Number	EC Number	Date of inclusion
154	Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0	16 June 2014
155	Sodium peroxometaborate	7632-04-4	231-556-4	16 June 2014
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	17 December 2014
157	Cadmium fluoride	7790-79-6	232-222-0	17 December 2014
158	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)			17 December 2014
159	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	17 December 2014
160	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	17 December 2014
161	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	17 December 2014
162	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	-	15 June 2015
163	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5 68648-93-1	201-559-5	15 June 2015
164	Perfluorononan-1-ic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	-	17 December 2015
165	Nitrobenzene	98-95-3	202-716-0	17 December 2015
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	17 December 2015
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	17 December 2015

#	Substance Name	CAS Number	EC Number	Date of inclusion
168	1,3-propanesultone	1120-71-4	214-317-9	17 December 2015
169	Benzo[def]chrysene(Benzo[a]pyrene)	50-32-8	200-028-5	20 June 2016
170	4,4'-isopropylidenediphenol Bisphenol A; BPA	80-05-7	201-245-8	12 January 2017
171	4-heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	12 January 2017
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Decanoic acid, nonadecafluoro-, sodium salt   CAS no.: 3830-45-3 Ammonium nonadecafluorodecanoate   CAS no.: 3108-42-7 Nonadecafluorodecanoic acid   CAS no.: 335-76-2	-	-	12 January 2017
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	12 January 2017
174	Perfluorohexane-1-sulphonic acid and its salts	-	-	07 July 2017
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	15 January 2018
176	Chrysene	218-01-9, 1719-03-5	205-923-4	15 January 2018
177	Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	15 January 2018
178	Cadmium hydroxide	21041-95-2	244-168-5	15 January 2018
179	Cadmium carbonate	513-78-0	208-168-9	15 January 2018
180	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	15 January 2018

#	Substance Name	CAS Number	EC Number	Date of inclusion
181	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> )	-	-	15 January 2018
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	27 June 2018
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	27 June 2018
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	27 June 2018
185	Lead	7439-92-1	231-100-4	27 June 2018
186	Disodium octaborate	12008-41-2	234-541-0	27 June 2018
187	Benzo[ghi]perylene	191-24-2	205-883-8	27 June 2018
188	Terphenyl hydrogenated	61788-32-7	262-967-7	27 June 2018
189	Ethylenediamine (EDA)	107-15-3	203-468-6	27 June 2018
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	27 June 2018
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	27 June 2018
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane (Bisphenol P)	6807-17-6	401-720-1	15 Jan 2019
193	Benzo[k]fluoranthene	207-08-9	205-916-6	15 Jan 2019
194	Fluoranthene	206-44-0	205-912-4	15 Jan 2019
195	Phenanthrene	85-01-8	201-581-5	15 Jan 2019
196	Pyrene	129-00-0	204-927-3	15 Jan 2019
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	15 Jan 2019