


# REACH Initiative

Company name : ELDAHO/Finenet Electronic Circuits Ltd.

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No	Manufacturer Part Number	Customer Part Number	Part Description
1	Elidaho_031139930001	PCB031139930001	Board pogo pin interface E8

This letter is to assure that the parts supplied below do not intentionally and unintentionally contain any of the REACH Substances of Very High Concern (SVHC), as specified in the table according to the Candidate list published by ECHA (European Chemical Agency).

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

No	Substance Name	CAS No.	EC No.	SVHC Published Date
1	Anthracene	120-12-7	204-371-1	2008/10/28
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	2008/10/28
3	Dibutyl phthalate	84-74-2	201-557-4	2008/10/28
4	Cobalt dichloride	7646-79-9	231-589-4	2008/10/28
5	Diarsenic pentaoxide	1303-28-2	215-116-9	2008/10/28
6	Diarsenic trioxide	1327-53-3	215-481-4	2008/10/28
7	Sodium dichromate, dihydrate	10588-01-9	234-190-3	2008/10/28
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	2008/10/28
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	2008/10/28
10	Hexabromocyclododecane (HBCDD)	3194-55-6	221-695-9	2008/10/28
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	2008/10/28
12	Bis(tributyltin) oxide,hexabutyldistannoxane	56-35-9	200-268-0	2008/10/28
13	Lead hydrogen arsenate	7784-40-9	232-064-2	2008/10/28
14	Triethyl arsenate	15606-95-8	427-700-2	2008/10/28
15	Benzyl butyl phthalate	85-68-7	201-622-7	2008/10/28
16	2,4-Dinitrotoluene	121-14-2	204-450-0	2010/1/13
17	Anthracene oil	90640-80-5	292-602-7	2010/1/13
18	Anthracene oil, anthracene paste	90640-81-6	292-603-2	2010/1/13

19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	2010/1/13
20	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	2010/1/13
21	Anthracene oil, anthracene-low	90640-82-7	292-604-8	2010/1/13
22	Diisobutyl phthalate	84-69-5	201-553-2	2010/1/13
23	Lead chromate	7758-97-6	231-846-0	2010/1/13
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	2010/1/13
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	2010/1/13
26	Pitch, coal tar, high temp.	65996-93-2	266-028-2	2010/1/13
27	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	2010/1/13
28	Acrylamide	79-06-1	201-173-7	2010/3/30
29	Trichloroethylene	79-01-6	201-167-4	2010/6/18
30	Boric acid	10043-35-3	233-139-2	2010/6/18
31	Disodium tetraborate, anhydrous	1330-43-4	215-540-4	2010/6/18
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	2010/6/18
33	Sodium chromate	7775-11-3	231-889-5	2010/6/18
34	Potassium chromate	7789-00-6	232-140-5	2010/6/18
35	Ammonium dichromate	7789-09-5	232-143-1	2010/6/18
36	Potassium dichromate	7778-50-9	231-906-6	2010/6/18
37	2-Ethoxyethanol	110-80-5	-	2010/12/15
38	2-Methoxyethanol	109-86-4	-	2010/12/15
39	Chromic acid	7738-94-5	-	2010/12/15
40	Chromium trioxide	1333-82-0	-	2010/12/15
41	Cobalt(II) carbonate	513-79-1	-	2010/12/15
42	Cobalt(II) diacetate	71-48-7	-	2010/12/15
43	Cobalt(II) dinitrate	10141-05-6	-	2010/12/15
44	Cobalt(II) sulphate	10124-43-3	-	2010/12/15
45	1,2,3-Trichloropropane	96-18-4	202-486-1	2011/6/20
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	2011/6/20
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	2011/6/20
48	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	2011/6/20
49	2-Ethoxyethyl acetate	111-15-9	203-839-2	2011/6/20
50	Hydrazine	302-01-2 / 7803-57-8	206-114-9	2011/6/20
51	Strontium chromate	7789-06-2	232-142-6	2011/6/20
52	Dichromium tris(chromate)	24613-89-6	246-356-2	2011/12/19
53	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	2011/12/19
54	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	2011/12/19
55	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	-	2011/12/19

56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	-	2011/12/19
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	2011/12/19
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	2011/12/19
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	2011/12/19
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	2011/12/19
61	1,2-Dichloroethane	107-06-2	203-458-1	2011/12/19
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	2011/12/19
63	Arsenic acid	7778-39-4	231-901-9	2011/12/19
64	Calcium arsenate	7778-44-1	231-904-5	2011/12/19
65	Trilead diarsenate	3687-31-8	222-979-5	2011/12/19
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	2011/12/19
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	2011/12/19
68	Phenolphthalein	77-09-8	201-004-7	2011/12/19
69	Lead azide Lead diazide	13424-46-9	236-542-1	2011/12/19
70	Lead styphnate	15245-44-0	239-290-0	2011/12/19
71	Lead dipicrate	6477-64-1	229-335-2	2011/12/19
72	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C-I- Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No- 202-027-5) or Michler's base (EC No- 202-959-2)]	6786-83-0	229-851-8	2012/6/18
73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	2012/6/18
74	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -	59653-74-6	423-400-0	2012/6/18
75	Diboron trioxide	1303-86-2	215-125-8	2012/6/18
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	2012/6/18
77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No- 202-027-5) or Michler's base (EC No- 202-959-2)]	561-41-1	209-218-2	2012/6/18
78	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	2012/6/18
79	Formamide	75-12-7	200-842-0	2012/6/18
80	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C-I- Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No- 202-027-5) or Michler's base (EC No- 202-959-2)]	548-62-9	208-953-6	2012/6/18
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	2012/6/18
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C-I- Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No- 202-027-5) or Michler's base (EC No- 202-959-2)]	2580-56-5	219-943-6	2012/6/18

83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	2012/6/18
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	2012/6/18
85	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	2012/12/19
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	2012/12/19
87	Henicosaflluoroundecanoic acid	2058-94-8	218-165-4	2012/12/19
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	2012/12/19
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	2012/12/19
90	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	2012/12/19
91	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	2012/12/19
92	Lead dinitrate	10099-74-8	233-245-9	2012/12/19
93	Silicic acid, lead salt	11120-22-2	234-363-3	2012/12/19
94	4-Aminoazobenzene	60-09-3	200-453-6	2012/12/19
95	Lead titanium zirconium oxide	12626-81-2	235-727-4	2012/12/19
96	Lead monoxide (lead oxide)	1317-36-8	215-267-0	2012/12/19
97	o-Toluidine	95-53-4	202-429-0	2012/12/19
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	2012/12/19
99	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	272-271-5	2012/12/19
100	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	2012/12/19
101	Furan	110-00-9	203-727-3	2012/12/19
102	N,N-dimethylformamide	68-12-2	200-679-5	2012/12/19
103	4-(1,1,3,3-tetramethylbutyl)phenol,	-	-	2012/12/19
104	4-Nonylphenol, branched and linear	-	-	2012/12/19
105	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	2012/12/19
106	Diethyl sulphate	64-67-5	200-589-6	2012/12/19
107	Dimethyl sulphate	77-78-1	201-058-1	2012/12/19
108	Lead oxide sulfate	12036-76-9	234-853-7	2012/12/19
109	Lead titanium trioxide	12060-00-3	235-038-9	2012/12/19
110	Acetic acid, lead salt, basic	257-175-3	257-175-3	2012/12/19
111	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	2012/12/19
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether, DecaBDE)	1163-19-5	214-604-9	2012/12/19
113	N-methylacetamide	79-16-3	201-182-6	2012/12/19

114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	2012/12/19
115	1,2-Diethoxyethane	629-14-1	211-076-1	2012/12/19
116	Tetralead trioxide sulphate	235-380-9	235-380-9	2012/12/19
117	N-pentyl-isopentylphthalate	776297-69-9	-	2012/12/19
118	Dioxobis(stearato)trilead	12578-12-0	235-702-8	2012/12/19
119	Tetraethyllead	78-00-2	201-075-4	2012/12/19
120	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	2012/12/19
121	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	2012/12/19
122	Tricosafuorododecanoic acid	307-55-1	206-203-2	2012/12/19
123	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	2012/12/19
124	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	2012/12/19
125	Methoxyacetic acid	625-45-6	210-894-6	2012/12/19
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	2012/12/19
127	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	2012/12/19
128	Trilead dioxide phosphonate	12141-20-7	235-252-2	2012/12/19
129	o-aminoazotoluene	202-591-2	202-591-2	2012/12/19
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	2012/12/19
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	2012/12/19
132	Orange lead (lead tetroxide)	1314-41-6	215-235-6	2012/12/19
133	Biphenyl-4-ylamine	92-67-1	202-177-1	2012/12/19
134	Diisopentylphthalate	605-50-5	210-088-4	2012/12/19
135	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	2012/12/19
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	2012/12/19
137	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	2012/12/19
138	Lead cyanamidate	20837-86-9	244-073-9	2012/12/19
139	Cadmium	7440-43-9	213-152-8	2013/6/20
140	Ammonium pentadecafluorooctanoate	3825-26-1	223-320-4	2013/6/20
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	2013/6/20
142	Dipentyl phthalate (DPP)	131-18-0	205-017-9	2013/6/20
143	4-Nonylphenol, branched and linear, ethoxylated	-	-	2013/6/20
144	Cadmium oxide	1306-19-0	215-146-2	2013/6/20
145	Cadmium sulphide	1306-23-6	215-147-8	2013/12/16
146	Disodium 4-amino-3-[[4'-[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-	1937-37-7	217-710-3	2013/12/16
147	Dihexyl phthalate	84-75-3	201-559-5	2013/12/16
148	Imidazolidine-2-thione; (2-imidazoline-2-	96-45-7	202-506-9	2013/12/16
149	Trixylyl phosphate	25155-23-1	246-677-8	2013/12/16
150	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	2013/12/16
151	Lead di(acetate)	301-04-2	206-104-4	2013/12/16
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	2014/6/16
153	Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0	2014/6/16

154	Sodium peroxometaborate	7632-04-4	231-556-4	2014/6/16
155	Cadmium chloride	10108-64-2	233-296-7	2014/6/16
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	17/12/2014
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1	239-622-4	17/12/2014
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)	-	-	17/12/2014
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	17/12/2014
160	Cadmium fluoride	7790-79-6	232-222-0	17/12/2014
161	Cadmium sulphate	10124-36-4,31119-53-6	233-331-6	17/12/2014
162	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 (EC No. 201-559-5)	68515-51-5	271-094-0	15/6/2015
		68648-93-1	272-013-1	
163	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]	-	-	15/6/2015
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1	206-801-3	2015/12/17
		21049-39-8		
		4149-60-4		
165	Nitrobenzene	98-95-3	202-716-0	2015/12/17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	2015/12/17
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	2015/12/17
168	1,3-propanesultone	1120-71-4	214-317-9	2015/12/17
169	Benzo[def]chrysene	50-32-8	200-028-5	20/6/2016
170	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	2017/12/1
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	-	2017/12/1
	Decanoic acid, nonadecafluoro-, sodium	3830-45-3	-	
	Ammonium nonadecafluorodecanoate	3108-42-7	221-470-5	
	Nonadecafluorodecanoic acid	335-76-2	206-400-3	

172	4-heptylphenol, branched and linear	-	-	2017/12/1
173	4,4'-isopropylidenediphenol	80-05-7	201-245-8	2017/12/1
174	Perfluorohexane-1-sulphonic acid and its	-	-	2017/7/7
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	15/01/2018
176	Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-	-	-	15/01/2018
177	Chrysene	218-01-9, 1719-03-5	205-923-4	15/01/2018
178	Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	15/01/2018
179	Cadmium hydroxide	21041-95-2	244-168-5	15/01/2018
180	Cadmium carbonate	513-78-0	208-168-9	15/01/2018
181	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	15/01/2018

If substances from the candidate list are contained in the packaging and/or products supplied, please report to us the product name / substance & % by weight of substance in product.

Company Stamp:



Date: March 9, 2018

Doc.No: FRM-EMS-017 Rev 2