

Our determination regarding compliance of our semiconductor products
with California Proposition 65

We determined that we do not have to react for the mandatory of California Proposition 65, which is to place warning on product label or to post warning by other way for significant exposure of the chemicals listed in Proposition 65, regarding the semiconductor products [Electronic Device Division Group products] according to the reason as below.

1. Corresponding products

Refer to the attached paper.

2. Containing status of the listed chemicals of Proposition 65 in foregoing products

Nickel (Metallic)	CAS RN.7440-02-0
Arsenic	CAS RN.7440-38-2
Lead	CAS RN.7439-92-1
Antimony trioxide	CAS RN.1309-64-4
Formaldehyde	CAS RN.50-00-0 (Impurities)

3. The reason for unnecessary to place warning on product label or to post warning by other way

We acknowledge that the products above contain a part of chemicals listed in Proposition 65, however, the chemicals do not expose such as contacting with human or discharging into environment under normal use conditions because of protected by molding materials.

However, we cannot react by our own determination with the unexpected use conditions such as exposure of inner materials due to breaking.

October 18, 2024

Shindengen Electric Manufacturing Co., Ltd.
Quality assurance dept. Electronic device div. group.

Product List (Prop65)

No	Parts Name	Parts No.	Information on contained substances			
			Nickel (Metallic)	Arsenic□	Lead	Antimony trioxide
1	Bridge diode	D10XB60-7000	○		○	○
2	Bridge diode	D10XB60H-7000	○		○	○
3	Bridge diode	D15XB60-7000	○		○	○
4	Bridge diode	D15XB80-7000	○		○	○
5	General diode	D1F60-5053	○		○	○
6	General diode	D1F60-5073	○		○	○
7	Fast recovery diode	D1FK60-5053	○		○	○
8	Fast recovery diode	D1FL20U-5053	○		○	○
9	Fast recovery diode	D1FL20U-5073	○		○	○
10	Fast recovery diode	D1FL40U-5053	○	○	○	○
11	Fast recovery diode	D1FL40U-5073	○	○	○	○
12	Schottky barrier diode	D1FS4-5053	○	○	○	○
13	Schottky barrier diode	D1FS4-5073	○	○	○	○
14	Schottky barrier diode	D1FS4-7073	○	○	○	○
15	Schottky barrier diode	D1FS6-5053	○	○	○	○
16	Schottky barrier diode	D1FS6-5073	○	○	○	○
17	Bridge diode	D20XB60-7000	○		○	○
18	Bridge diode	D25XB60-7000	○		○	○
19	General diode	D2F60-5063	○		○	○
20	Bridge diode	D5SB60-7000	○		○	○
21	Bridge diode	D5SBA60-7000	○		○	○
22	Fast recovery diode	DE3L20U-7071	○		○	○
23	Schottky barrier diode	DF30NC15-7072	○	○	○	○
24	Sidac	K1V12-7060	○		○	○
25	Sidac	K1V22(W)-7061	○		○	○
26	Sidac	K1V26(W)-7000	○		○	○
27	Sidac	K1V26-7000	○		○	○
28	General diode	M1F60-6063	○		○	○
29	Schottky barrier diode	M1FS4-6063	○	○	○	○
30	Schottky barrier diode	M1FS6-6063	○	○	○	○
31	Bridge diode	S1NB60-7062	○		○	○
32	Bridge diode	S1NB80-7062	○		○	○
33	Bridge diode	S1ZB60-7072	○		○	○
34	Bridge diode	S1ZB80-7072	○		○	○
35	Schottky barrier diode	S30SC4MT-5000	○	○	○	○
36	Bridge diode	S4VB60-5000	○		○	○
37	Trankiller	ST06-27CE-5063R	○		○	○
38	Trankiller	ST06-30CE-5063R	○		○	○
39	Trankiller	ST06-33CE-5063R	○		○	○
40	Trankiller	ST06-36CE-5063R	○		○	○
41	Trankiller	ST06-39CE-5063R	○		○	○
42	Trankiller	ST70-27FZ-5071	○	○	○	
43	Bridge diode	US8KB80R-7000	○		○	○

Our product contains lead and it applies to RoHS exemption 7(a).

*7(a):Lead in high melting temperature type solders

(i.e. lead-based alloys containing 85 % by weight or more lead)

The change schedule: There is no appropriate alternative material.