TABLE 1. Experiment matrix selection for RoHSconversion, Phase 1.

EXP #	PASTE TYPE	SURFACE FINISH	TAL (sec)	REFLOW PROFILE	NITROGEN
1	Sn/Ag/Cu	OSP	60	Yes	Yes
2	Sn/Ag/Cu	OSP	90	No	No
3	Sn/Ag/Cu	OSP	120	No	Yes
4	Sn/Ag/Cu	ENIG	60	No	No
5	Sn/Ag/Cu	ENIG	90	No	Yes
6	Sn/Ag/Cu	ENIG	120	Yes	Yes
7	Sn/Ag/Cu	OSP	60	No	Yes
8	Sn/Ag/Cu	OSP	90	Yes	Yes
9	Sn/Ag/Cu	OSP	120	No	No
10	Sn/Bi	OSP	60	No	Yes
11	Sn/Bi	OSP	90	No	Yes
12	Sn/Bi	OSP	120	Yes	No
13	Sn/Bi	ENIG	60	No	Yes
14	Sn/Bi	ENIG	90	Yes	No
15	Sn/Bi	ENIG	120	No	Yes
16	Sn/Bi	OSP	60	Yes	No
17	Sn/Bi	OSP	90	No	Yes
18	Sn/Bi	OSP	120	No	Yes
19	Sn/Ag	OSP	60	No	No
20	Sn/Ag	OSP	90	Yes	Yes
21	Sn/Ag	OSP	120	No	Yes
22	Sn/Ag	ENIG	60	Yes	Yes
23	Sn/Ag	ENIG	90	No	Yes
24	Sn/Ag	ENIG	120	No	No
25	Sn/Ag	OSP	60	No	Yes
26	Sn/Ag	OSP	90	No	No
27	Sn/Ag	OSP	120	Yes	Yes