

CHANGE NOTIFICATION

NOW PART OF



Analog Devices, Inc.
1630 McCarthy Blvd., Milpitas CA
(408) 432-1900

July 18, 2018

Dear Sir/Madam:

PCN#071818

Subject: Notification of Top Marking Change for UK (7x7 QFN) and UP (9x9 QFN) Packages from Ink Mark to Laser Mark

Please be advised that as a part of our continuous quality improvement program we will be converting the top mark for UK (7x7 QFN) and UP (9x9 QFN) packages from ink mark to laser mark. Laser mark is more uniform, consistent and has better through put in assembly as compared to ink mark. Besides this change, no functional, parametric, mechanical, or datasheet specifications are affected and the component bill of materials remains unchanged. Similarly, there are no changes associated with the package footprint, PCB layout or product top marking layout, so the customer applications will be unaffected. The sample of laser marking and list of affected part numbers are shown on the attached page.

Please note that the customer may receive products with either ink mark or laser mark until the products with ink mark are depleted.

This change is effective immediately. Should you have any further questions, please feel free to contact your local Analog Devices sales representative or you may contact me at 408-432-1900 ext. 2077, or by E-mail JASON.HU@ANALOG.COM.

Sincerely,

Jason Hu
Quality Assurance Engineer

For questions on this PCN, please contact Jason Hu or you may send an email to your regional contacts below or contact your local ADI sales representatives.

Americas: PCN_Americas@analog.com	Europe: PCN_Europe@analog.com	Japan: PCN_Japan@analog.com
		Rest of Asia: PCN_ROA@analog.com

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Sample of Top Mark

Ink Mark



Laser Mark



List of affected part numbers

1	LTC2140CUP-12#PBF	51	LTC2155IUP-12#PBF	101	LTC2185CUP#PBF	151	LTC2217CUP#TR
2	LTC2140CUP-12#TRPBF	52	LTC2155IUP-12#TRPBF	102	LTC2185CUP#TRPBF	152	LTC2217CUP#TRPBF
3	LTC2140IUP-12#PBF	53	LTC2155CUP-14#PBF	103	LTC2185IUP#PBF	153	LTC2217IUP
4	LTC2140IUP-12#TRPBF	54	LTC2155CUP-14#TRPBF	104	LTC2185IUP#TRPBF	154	LTC2217IUP#PBF
5	LTC2140CUP-14#PBF	55	LTC2155IUP-14#PBF	105	LTC2188CUP#PBF	155	LTC2217IUP#TR
6	LTC2140CUP-14#TRPBF	56	LTC2155IUP-14#TRPBF	106	LTC2188CUP#TRPBF	156	LTC2217IUP#TRPBF
7	LTC2140IUP-14#PBF	57	LTC2156CUP-12#PBF	107	LTC2188IUP#PBF	157	LTC2220CUP
8	LTC2140IUP-14#TRPBF	58	LTC2156CUP-12#TRPBF	108	LTC2188IUP#TRPBF	158	LTC2220CUP#PBF
9	LTC2141CUP-12#PBF	59	LTC2156IUP-12#PBF	109	LTC2208CUP#PBF	159	LTC2220CUP#TR
10	LTC2141CUP-12#TRPBF	60	LTC2156IUP-12#TRPBF	110	LTC2208CUP#TRPBF	160	LTC2220CUP#TRPBF
11	LTC2141IUP-12#PBF	61	LTC2156CUP-14#PBF	111	LTC2208IUP#PBF	161	LTC2220IUP
12	LTC2141IUP-12#TRPBF	62	LTC2156CUP-14#TRPBF	112	LTC2208IUP#TRPBF	162	LTC2220IUP#PBF
13	LTC2141CUP-14#PBF	63	LTC2156IUP-14#PBF	113	LTC2208CUP-14#PBF	163	LTC2220IUP#TR
14	LTC2141CUP-14#TRPBF	64	LTC2156IUP-14#TRPBF	114	LTC2208CUP-14#TRPBF	164	LTC2220IUP#TRPBF
15	LTC2141IUP-14#PBF	65	LTC2157CUP-12#PBF	115	LTC2208IUP-14#PBF	165	LTC2221CUP
16	LTC2141IUP-14#TRPBF	66	LTC2157CUP-12#TRPBF	116	LTC2208IUP-14#TRPBF	166	LTC2221CUP#PBF
17	LTC2142CUP-14#PBF	67	LTC2157IUP-12#PBF	117	LTC2209CUP	167	LTC2221CUP#TR
18	LTC2142CUP-14#TRPBF	68	LTC2157IUP-12#TRPBF	118	LTC2209CUP#PBF	168	LTC2221CUP#TRPBF
19	LTC2142IUP-14#PBF	69	LTC2157CUP-14#PBF	119	LTC2209CUP#TR	169	LTC2221IUP
20	LTC2142IUP-14#TRPBF	70	LTC2157CUP-14#TRPBF	120	LTC2209CUP#TRPBF	170	LTC2221IUP#PBF
21	LTC2142CUP-12#PBF	71	LTC2157IUP-14#PBF	121	LTC2209IUP	171	LTC2221IUP#TR
22	LTC2142CUP-12#TRPBF	72	LTC2157IUP-14#TRPBF	122	LTC2209IUP#PBF	172	LTC2221IUP#TRPBF
23	LTC2142IUP-12#PBF	73	LTC2158CUP-12#PBF	123	LTC2209IUP#TR	173	LTC2230CUP
24	LTC2142IUP-12#TRPBF	74	LTC2158CUP-12#TRPBF	124	LTC2209IUP#TRPBF	174	LTC2230CUP#PBF
25	LTC2143CUP-12#PBF	75	LTC2158IUP-12#PBF	125	LTC2209CUP-14	175	LTC2230CUP#TR
26	LTC2143CUP-12#TRPBF	76	LTC2158IUP-12#TRPBF	126	LTC2209CUP-14#PBF	176	LTC2230CUP#TRPBF
27	LTC2143IUP-12#PBF	77	LTC2158CUP-14#PBF	127	LTC2209CUP-14#TR	177	LTC2230IUP
28	LTC2143IUP-12#TRPBF	78	LTC2158CUP-14#TRPBF	128	LTC2209CUP-14#TRPBF	178	LTC2230IUP#PBF
29	LTC2143CUP-14#PBF	79	LTC2158IUP-14#PBF	129	LTC2209IUP-14	179	LTC2230IUP#TR
30	LTC2143CUP-14#TRPBF	80	LTC2158IUP-14#TRPBF	130	LTC2209IUP-14#PBF	180	LTC2230IUP#TRPBF
31	LTC2143IUP-14#PBF	81	LTC2180CUP#PBF	131	LTC2209IUP-14#TR	181	LTC2231CUP
32	LTC2143IUP-14#TRPBF	82	LTC2180CUP#TRPBF	132	LTC2209IUP-14#TRPBF	182	LTC2231CUP#PBF
33	LTC2144CUP-12#PBF	83	LTC2180IUP#PBF	133	LTC2215CUP	183	LTC2231CUP#TR
34	LTC2144CUP-12#TRPBF	84	LTC2180IUP#TRPBF	134	LTC2215CUP#PBF	184	LTC2231CUP#TRPBF
35	LTC2144IUP-12#PBF	85	LTC2181CUP#PBF	135	LTC2215CUP#TR	185	LTC2231IUP
36	LTC2144IUP-12#TRPBF	86	LTC2181CUP#TRPBF	136	LTC2215CUP#TRPBF	186	LTC2231IUP#PBF
37	LTC2144CUP-14#PBF	87	LTC2181IUP#PBF	137	LTC2215IUP	187	LTC2231IUP#TR
38	LTC2144CUP-14#TRPBF	88	LTC2181IUP#TRPBF	138	LTC2215IUP#PBF	188	LTC2231IUP#TRPBF
39	LTC2144IUP-14#PBF	89	LTC2182CUP#PBF	139	LTC2215IUP#TR	189	LTC2240CUP-10
40	LTC2144IUP-14#TRPBF	90	LTC2182CUP#TRPBF	140	LTC2215IUP#TRPBF	190	LTC2240CUP-10#PBF
41	LTC2145CUP-12#PBF	91	LTC2182IUP#PBF	141	LTC2216CUP	191	LTC2240CUP-10#TR
42	LTC2145CUP-12#TRPBF	92	LTC2182IUP#TRPBF	142	LTC2216CUP#PBF	192	LTC2240CUP-10#TRPBF
43	LTC2145IUP-12#PBF	93	LTC2183CUP#PBF	143	LTC2216CUP#TR	193	LTC2240IUP-10
44	LTC2145IUP-12#TRPBF	94	LTC2183CUP#TRPBF	144	LTC2216CUP#TRPBF	194	LTC2240IUP-10#PBF
45	LTC2145CUP-14#PBF	95	LTC2183IUP#PBF	145	LTC2216IUP	195	LTC2240IUP-10#TR
46	LTC2145CUP-14#TRPBF	96	LTC2183IUP#TRPBF	146	LTC2216IUP#PBF	196	LTC2240IUP-10#TRPBF
47	LTC2145IUP-14#PBF	97	LTC2184CUP#PBF	147	LTC2216IUP#TR	197	LTC2240CUP-12
48	LTC2145IUP-14#TRPBF	98	LTC2184CUP#TRPBF	148	LTC2216IUP#TRPBF	198	LTC2240CUP-12#PBF
49	LTC2155CUP-12#PBF	99	LTC2184IUP#PBF	149	LTC2217CUP	199	LTC2240CUP-12#TR
50	LTC2155CUP-12#TRPBF	100	LTC2184IUP#TRPBF	150	LTC2217CUP#PBF	200	LTC2240CUP-12#TRPBF

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201	LTC2240IUP-12	251	LTC2281CUP#TR	301	LTC2287IUP	351	LTC2293IUP#TR
202	LTC2240IUP-12#PBF	252	LTC2281CUP#TRPBF	302	LTC2287IUP#PBF	352	LTC2293IUP#TRPBF
203	LTC2240IUP-12#TR	253	LTC2281IUP	303	LTC2287IUP#TR	353	LTC2294CUP
204	LTC2240IUP-12#TRPBF	254	LTC2281IUP#PBF	304	LTC2287IUP#TRPBF	354	LTC2294CUP#PBF
205	LTC2241CUP-10	255	LTC2281IUP#TR	305	LTC2288CUP	355	LTC2294CUP#TR
206	LTC2241CUP-10#PBF	256	LTC2281IUP#TRPBF	306	LTC2288CUP#PBF	356	LTC2294CUP#TRPBF
207	LTC2241CUP-10#TR	257	LTC2282CUP	307	LTC2288CUP#TR	357	LTC2294IUP
208	LTC2241CUP-10#TRPBF	258	LTC2282CUP#PBF	308	LTC2288CUP#TRPBF	358	LTC2294IUP#PBF
209	LTC2241IUP-10	259	LTC2282CUP#TR	309	LTC2288IUP	359	LTC2294IUP#TR
210	LTC2241IUP-10#PBF	260	LTC2282CUP#TRPBF	310	LTC2288IUP#PBF	360	LTC2294IUP#TRPBF
211	LTC2241IUP-10#TR	261	LTC2282IUP	311	LTC2288IUP#TR	361	LTC2295CUP
212	LTC2241IUP-10#TRPBF	262	LTC2282IUP#PBF	312	LTC2288IUP#TRPBF	362	LTC2295CUP#PBF
213	LTC2241CUP-12	263	LTC2282IUP#TR	313	LTC2289CUP	363	LTC2295CUP#TR
214	LTC2241CUP-12#PBF	264	LTC2282IUP#TRPBF	314	LTC2289CUP#PBF	364	LTC2295CUP#TRPBF
215	LTC2241CUP-12#TR	265	LTC2283CUP	315	LTC2289CUP#TR	365	LTC2295IUP
216	LTC2241CUP-12#TRPBF	266	LTC2283CUP#PBF	316	LTC2289CUP#TRPBF	366	LTC2295IUP#PBF
217	LTC2241IUP-12	267	LTC2283CUP#TR	317	LTC2289IUP	367	LTC2295IUP#TR
218	LTC2241IUP-12#PBF	268	LTC2283CUP#TRPBF	318	LTC2289IUP#PBF	368	LTC2295IUP#TRPBF
219	LTC2241IUP-12#TR	269	LTC2283IUP	319	LTC2289IUP#TR	369	LTC2296CUP
220	LTC2241IUP-12#TRPBF	270	LTC2283IUP#PBF	320	LTC2289IUP#TRPBF	370	LTC2296CUP#PBF
221	LTC2242CUP-10	271	LTC2283IUP#TR	321	LTC2290CUP	371	LTC2296CUP#TR
222	LTC2242CUP-10#PBF	272	LTC2283IUP#TRPBF	322	LTC2290CUP#PBF	372	LTC2296CUP#TRPBF
223	LTC2242CUP-10#TR	273	LTC2284CUP	323	LTC2290CUP#TR	373	LTC2296IUP
224	LTC2242CUP-10#TRPBF	274	LTC2284CUP#PBF	324	LTC2290CUP#TRPBF	374	LTC2296IUP#PBF
225	LTC2242IUP-10	275	LTC2284CUP#TR	325	LTC2290IUP	375	LTC2296IUP#TR
226	LTC2242IUP-10#PBF	276	LTC2284CUP#TRPBF	326	LTC2290IUP#PBF	376	LTC2296IUP#TRPBF
227	LTC2242IUP-10#TR	277	LTC2284IUP	327	LTC2290IUP#TR	377	LTC2297CUP
228	LTC2242IUP-10#TRPBF	278	LTC2284IUP#PBF	328	LTC2290IUP#TRPBF	378	LTC2297CUP#PBF
229	LTC2242CUP-12	279	LTC2284IUP#TR	329	LTC2291CUP	379	LTC2297CUP#TR
230	LTC2242CUP-12#PBF	280	LTC2284IUP#TRPBF	330	LTC2291CUP#PBF	380	LTC2297CUP#TRPBF
231	LTC2242CUP-12#TR	281	LTC2285CUP	331	LTC2291CUP#TR	381	LTC2297IUP
232	LTC2242CUP-12#TRPBF	282	LTC2285CUP#PBF	332	LTC2291CUP#TRPBF	382	LTC2297IUP#PBF
233	LTC2242IUP-12	283	LTC2285CUP#TR	333	LTC2291IUP	383	LTC2297IUP#TR
234	LTC2242IUP-12#PBF	284	LTC2285CUP#TRPBF	334	LTC2291IUP#PBF	384	LTC2297IUP#TRPBF
235	LTC2242IUP-12#TR	285	LTC2285IUP	335	LTC2291IUP#TR	385	LTC2298CUP
236	LTC2242IUP-12#TRPBF	286	LTC2285IUP#PBF	336	LTC2291IUP#TRPBF	386	LTC2298CUP#PBF
237	LTC2270CUP#PBF	287	LTC2285IUP#TR	337	LTC2292CUP	387	LTC2298CUP#TR
238	LTC2270CUP#TRPBF	288	LTC2285IUP#TRPBF	338	LTC2292CUP#PBF	388	LTC2298CUP#TRPBF
239	LTC2270IUP#PBF	289	LTC2286CUP	339	LTC2292CUP#TR	389	LTC2298IUP
240	LTC2270IUP#TRPBF	290	LTC2286CUP#PBF	340	LTC2292CUP#TRPBF	390	LTC2298IUP#PBF
241	LTC2280CUP	291	LTC2286CUP#TR	341	LTC2292IUP	391	LTC2298IUP#TR
242	LTC2280CUP#PBF	292	LTC2286CUP#TRPBF	342	LTC2292IUP#PBF	392	LTC2298IUP#TRPBF
243	LTC2280CUP#TR	293	LTC2286IUP	343	LTC2292IUP#TR	393	LTC2299CUP
244	LTC2280CUP#TRPBF	294	LTC2286IUP#PBF	344	LTC2292IUP#TRPBF	394	LTC2299CUP#PBF
245	LTC2280IUP	295	LTC2286IUP#TR	345	LTC2293CUP	395	LTC2299CUP#TR
246	LTC2280IUP#PBF	296	LTC2286IUP#TRPBF	346	LTC2293CUP#PBF	396	LTC2299CUP#TRPBF
247	LTC2280IUP#TR	297	LTC2287CUP	347	LTC2293CUP#TR	397	LTC2299IUP
248	LTC2280IUP#TRPBF	298	LTC2287CUP#PBF	348	LTC2293CUP#TRPBF	398	LTC2299IUP#PBF
249	LTC2281CUP	299	LTC2287CUP#TR	349	LTC2293IUP	399	LTC2299IUP#TR
250	LTC2281CUP#PBF	300	LTC2287CUP#TRPBF	350	LTC2293IUP#PBF	400	LTC2299IUP#TRPBF

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401	LTC2974CUP#PBF
402	LTC2974CUP#TRPBF
403	LTC2974IUP#PBF
404	LTC2974IUP#TRPBF
405	LTC2975CUP#PBF
406	LTC2975CUP#TRPBF
407	LTC2975IUP#PBF
408	LTC2975IUP#TRPBF
409	LTC2977CUP#PBF
410	LTC2977CUP#TRPBF
411	LTC2977IUP#PBF
412	LTC2977IUP#TRPBF
413	LTC2977BCUP#PBF
414	LTC2977BCUP#TRPBF
415	LTC2977BIUP#PBF
416	LTC2977BIUP#TRPBF
417	LTC2978CUP#PBF
418	LTC2978CUP#TRPBF
419	LTC2978IUP#PBF
420	LTC2978IUP#TRPBF
421	LTC2978ACUP#PBF
422	LTC2978ACUP#TRPBF
423	LTC2978AIUP#PBF
424	LTC2978AIUP#TRPBF
425	LTC3877EUK#PBF
426	LTC3877EUK#TRPBF
427	LTC3877IUK#PBF
428	LTC3877IUK#TRPBF
429	LTC2345CUK-16#PBF
430	LTC2345CUK-16#TRPBF
431	LTC2345IUK-16#PBF
432	LTC2345IUK-16#TRPBF
433	LTC2345HUK-16#PBF
434	LTC2345HUK-16#TRPBF
435	LTC2345CUK-18#PBF
436	LTC2345CUK-18#TRPB
437	LTC2345IUK-18#PBF
438	LTC2345IUK-18#TRPBF
439	LTC2345HUK-18#PBF
440	LTC2345HUK-18#TRPBF