

PRODUCT CHANGE NOTIFICATION

CTS Part Number: VF194, VF294 **Product Description:** 5x7mm SMD, HCMOS/TTL VCXO

Customer: Various **Customer Part Number:** Various



Change Notification Only - No Customer Response Required



Customer Authorization Required - Please Confirm Acceptance by E-Mail

Reason for PCN: End-Of-Life and Last-Time-Buy notification for VF194 and VF294

Description for Change: CTS is announcing EOL and LTB for all VF194 and VF294 part numbers, due to declining market demand, IC availability and increasing costs to maintain production equipments.

Last Buy Date - September 22, 2022.

Last Ship Date - December 31, 2023.

Change Instructions: Model VF194 and VF294 will be EOL.
Recommended alternative is CTS Model 357.
There are some electrical parameters differences with the alternate Model that customers need to review.

[See following pages for list of part numbers that had activity in CTS system]

Model 357 Datasheet:

https://www.ctscorp.com/wp-content/uploads/2015/11/008-0244-0_H.pdf

Implementation Date: 19/8/2022

Notes:

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CTS Approvals: CTS internal PCN w/ electronic signatures.

PRODUCT CHANGE NOTIFICATION

CTS Part Number	
1	OIO3038 VF294L-34.3680MHZ
2	OIO3045 VF194SHL-1-T-44.7360MHZ
3	OIO3048 VF194H-1-1.5440MHZ
4	OIO3050 VF294L-1-100-20.000
5	OIO3051 VF194HL-1-50-12.352MHZ
6	OIO3090 VF294L-100-34.528MHZ
7	OIO3091 VF294L-1-44.736MHZ
8	OIO3132 VF194HL-1-50-32.768MHZ
9	OIO3133 VF294L-1-77.760MHZ
10	OIO3143 VF194L-1-100-32.768MHZ
11	OIO3144 VF294L-1-100-32.768MHZ
12	OIO3145 VF294HL-100-27.648MHZ
13	OIO3151 VF294L-1.544MHZ
14	OIO3171 VF294L-120-14.31818MHZ
15	OIO3193 VF194L-50-56.0000MHZ
16	OIO3205 VF294L-50-51.840MHZ
17	OIO3222 VF294L-50-56.0000MHZ
18	OIO3225 VF294SL-80-38.880MHZ
19	OIO3227 VF294L-80-38.880MHZ
20	OIO3228 VF294H-100-27.0000MHZ
21	OIO3229 VF294BH-100-27.0000MHZ
22	OIO3237 VF194H-1-50-16.3840MHZ
23	OIO3238 VF194H-1-50-18.9440MHZ
24	OIO3239 VF194-33.8688MHZ
25	OIO3247 VF194L-54.0000MHZ
26	OIO3267 VF194HL-1-100-35.328MHZ
27	OIO3269 VF294L-50-2.0480MHZ
28	OIO3284 VF294-100-8.0640MHZ T/R
29	OIO3289 VF294L-1-61.4400MHZ
30	OIO3298 VF294-1-24.7040MHZ-T/R
31	OIO3329 VF194L-50.0000MHZ
32	OIO3337 VF294-1-100-67.5840MHZ
33	OIO3342 VF294HL-1-100-35.3280MHZ
34	OIO3349 VF294-1-100-20.0000MHZ
35	OIO3352 VF294HL-19.4400MHZ
36	OIO3358 VF294HL-1-19.4400MHZ
37	OIO3365 VF194L-1-100-20.0000MHZ
38	OIO3367 VF194-1-44.7360MHZ
39	OIO3368 VF194L-100-9.7200MHZ
40	OIO3369 VF194L-100-2.0480MHZ
41	OIO3370 VF194L-100-1.5440MHZ
42	OIO3371 VF194-1-100-44.7360MHZ
43	OIO3372 VF194H-40.0000MHZ
44	OIO3381 VF294HL-1-38.880MHZ
45	OIO3382 VF294SHL-1-100-2.0480MHZ
46	OIO3383 VF294SHL-1-100-1.5440MHZ
47	OIO3384 VF294SHL-1-100-19.44MHZ
48	OIO3390 VF194HL-1-38.8800MHZ
49	OIO3391 VF194-3.3280MHZ
50	OIO3392 VF294HL-100-38.8800MHZ
51	OIO3411 VF194HL-1-2.0480MHZ
52	OIO3413 VF294-1-44.7360MHZ
53	OIO3414 VF194L-40.0000MHZ
54	OIO3422 VF294L-27.0000MHZ
55	OIO3435 VF294HL-1-100-2.0480MHZ
56	OIO3436 VF294HL-1-100-19.4400MHZ
57	OIO3464 VF294HL-1.5440MHZ
58	OIO3495 VF194HL-1-50-1.5440MHZ
59	OIO3496 VF194HL-1-50-35.3280MHZ
60	OIO3548 VF194L-50-74.2500MHZ

CTS Part Number	
121	OIO7042 VF194-49.1520MHZ
122	OIO7046 VF194SL-1-38.8800MHZ
123	OIO7070 VF294SL-100-19.4400MHZ
124	OIO7080 VF294L-50.0000MHZ
125	OIO7087 VF294L-100-27.0000MHZ
126	OIO7090 VF294SHL-1-80-1.5440MHZ
127	OIO7091 VF294SHL-1-80-2.0480MHZ
128	OIO7098 VF294BL-100-60.0000MHZ
129	OIO7108 VF294L-50-74.2500MHZ
130	OIO7109 VF294L-50-74.175824MHZ
131	OIO7111 VF194-1-100-16.0000MHZ
132	OIO7117 VF194L-1-32.0000MHZ
133	OIO7154 VF194H-1-37.95762MHZ
134	OIO7155 VF194SHL-100-20.4800MHZ
135	OIO7160 VF194HL-1-61.44MHZ
136	OIO7162 VF294-50-54.000MHZ
137	OIO7163 VF294-50-74.250MHZ
138	OIO7164 VF294-50-74.176MHZ
139	OIO7184 VF194SL-1-32-24.576MHZ
140	OIO7187 VF194L-100-54.0000MHZ
141	OIO7220 VF294L-74.1758MHZ
142	OIO7221 VF294L-74.25MHZ
143	OIO7247 VF194-75-74.1758MHZ
144	OIO7248 VF194-75-74.250MHZ
145	OIO7259 VF294-1-100-27.00MHZ
146	OIO7308 VF194L-100-92.00MHZ
147	OIO7414 VF294SL-1-100-39.200MHZ
148	OIO7415 VF294SL-1-100-19.440MHZ
149	OIO7416 VF194HL-100-20.000MHZ
150	OIO7428 VF194HL-1-100-33.333333MHZ
151	OIO7507 VF294-1-50.00MHZ
152	OIO7508 VF294HL-1-2.048MHZ
153	OIO7517 VF294-1-100-10.000MHZ
154	OIO7520 VF294L-10.00MHZ
155	OIO7524 VF194HL-1-50-80.000MHZ
156	OIO7545 VF294L-19.2MHZ
157	OIO7552 VF194HL-1-80-33.333333MHZ
158	OIO7557 VF294SHL-1-80-25.000MHZ
159	OIO7573 VF294L-27.00MHZ
160	OIO7608 VF294HL-2.048MHZ
161	OIO7735 VF294SHL-27.00MHZ
162	OIO7769 VF294SHL-1-50-19.44MHZ
163	OIO7840 VF194L-50-100.000MHZ
164	OIO7853 VF194HL-1-8.1920MHZ
165	OIO7885 VF194L-100-25.000MHZ
166	OIO7890 VF194SHL-27.000MHZ
167	OIO7946 VF194SL-1-27.000MHZ
168	OIO7947 VF194SL-1-74.250MHZ
169	OIO7948 VF194SL-1-148.500MHZ
170	OIO7956 VF194L-19.44MHZ
171	OIO8020 VF194HL-34.368MHZ
172	OIO8021 VF194HL-32.768MHZ
173	OIO8022 VF194HL-24.704MHZ
174	OIO8023 VF194HL-34.816MHZ
175	OIO8043 VF194HL-1-30.720MHZ
176	OIO8135 VF294L-50-32.768MHZ
177	OIO8176 VF194HL-1-19.44MHZ
178	OIO8232 VF294AHL-1-50-32.7680MHZ
179	OIO8239 VF294L-1-2.048MHZ
180	OIO8314 VF194-1-50-65.000MHZ

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61	OIO3549	VF194L-50-74.17582MHZ
62	OIO3550	VF194L-1-50-74.2500MHZ
63	OIO3559	VF294L-100-20.4800MHZ
64	OIO3564	VF294SL-100-20.4800MHZ
65	OIO3614	VF294SL-100-34.368 MHz
66	OIO3615	VF294SL-100-44.736 MHz
67	OIO3652	VF194-38.880 MHz
68	OIO3678	VF294H-20.480 MHz
69	OIO3684	VF294L-50.000 MHz T/R
70	OIO3703	VF194H-27.000MHZ
71	OIO3756	VF194SL-50-77.760MHZ
72	OIO3773	VF294H-1-25.00MHZ
73	OIO3775	VF294SL-100-19.440MHZ-TR
74	OIO3777	VF194L-50-10.000MHZ
75	OIO3799	VF194HL-1-50-25.000MHZ
76	OIO3805	VF194-100-11.289MHZ
77	OIO3806	VF194-100-12.288MHZ
78	OIO3852	VF194L-100-11.289MHZ
79	OIO3860	VF194H-38.880MHZ
80	OIO3861	VF294H-100-2.048MHZ
81	OIO3862	VF294H-100-1.544MHZ
82	OIO3880	VF194HL-1-100-19.440MHZ
83	OIO3885	VF194H-1-16.992MHZ
84	OIO3889	VF294-1-55.296MHZ
85	OIO3904	VF294L-1-80.000MHZ
86	OIO3921	VF194-1-100-8.000MHZ
87	OIO3930	VF194S-1-10.0MHZ
88	OIO3943	VF294SH-100-19.44MHZ
89	OIO3954	VF294-55.2960MHZ
90	OIO3961	VF294SH-100-27.000MHZ
91	OIO3994	VF294SHL-1-35.328MHZ
92	OIO5805	VF294-77.760 MHz
93	OIO5901	VF294L-38.7853MHZ
94	OIO6145	VF294L-32-44.7360MHZ
95	OIO6148	VF294L-32-2.0480MHZ
96	OIO6183	VF294HL-27.0000MHZ
97	OIO6320	VF294SHL-19.4400MHZ
98	OIO6458	VF194HL-19.4400MHZ
99	OIO6467	VF194L-1-4.0960MHZ
100	OIO6479	VF194-1-34.3680MHZ-T/R
101	OIO6487	VF194HL-44.7360MHZ
102	OIO6490	VF294-44.7360MHZ
103	OIO6495	VF194-22.5792MHZ
104	OIO6511	VF294-1.5440MHZ
105	OIO6519	VF294-2.0480MHZ
106	OIO6547	VF294BH-150-14.31818MHZ
107	OIO6550	VF194HL-1.5440MHZ
108	OIO6562	VF294L-1-32.7680MHZ
109	OIO6572	VF294L50-27.0000MHZ
110	OIO6698	VF294-50-44.7360MHZT/R
111	OIO6764	VF194-24.5760MHZ
112	OIO6765	VF194-27.0000MHZ
113	OIO6783	VF194HL-2.0480MHZ
114	OIO6796	VF194HL-19.4400MHZ
115	OIO6941	VF194SHL-1-38.8800MHZ
116	OIO6985	VF194H-19.4400MHZ
117	OIO7001	VF294L-1-100-44.7360MHZ
118	OIO7011	VF194HL-1-50-19.4400MHZ
119	OIO7028	VF294-8.0640MHZ
120	OIO7031	VF294L-1-32.0000MHZ

181	OIO8363	VF294L-40.96MHz
182	OIO8369	VF294HL-100-24.576MHz
183	OIO8454	VF194L-100-16.00MHz
184	OIO8455	VF294L-100-16.00MHz
185	OIO8478	VF294L-50-100.000MHZ
186	OIO8485	VF294L-1-3.580MHZ
187	OIO8496	VF294SHL-1-100-25.000MHZ
188	OIO8514	VF294L-1-40.00MHz
189	OIO8515	VF294L-1-50.00MHz
190	OIO8529	VF194S-40.96MHz
191	OIO8534	VF294BL-1-125.000MHZ
192	OIO8550	VF194HL-1-80-25.00MHZ
193	OIO8585	VF194L-1-4.000MHz
194	OIO8678	VF194SL-1-38.8880MHZ
195	OIO8728	VF294SHL-32.333MHz
196	OIO8730	VF194L-50-50.000MHZ
197	OIO8741	VF194L-1-50-50.000MHZ
198	OIO8761	VF194SL-1-38.88MHZ
199	OIO8781	VF294L-1-100-27.912709MHz
200	OIO8782	VF294L-1-50-36.864MHz
201	OIO8784	VF194SHL-1-77.76MHz
202	OIO8785	VF194SHL-1-19.44MHz
203	OIO8845	VF294SHL-100-24.576MHz
204	OIO8885	VF194-100-10.000MHz
205	OIO8890	VF194SL-1-100-2.000MHz
206	OIO8894	VF194SHL-1-100-125.000MHz
207	OIO8913	VF194SHL-80.000MHz
208	OIO8942	VF294SHL-1-50.000MHz
209	OIO8943	VF194SHL-1-50.000MHz
210	OIO8959	VF294SHL-1-32-100.000MHz
211	OIO9001	VF294S-100-30.00MHZ