



AEC-Q101 Compliant Parts List

NO.	P/N	Package	Family
1	1.5FMCJ6.8V/AV/CAV~1.5FMCJ440AV/CAV	SMC	TVS
2	1.5SMBJ5.0AV/CAV~1.5SMBJ75AV/CAV	SMB	TVS
3	15KP17AV/CAV~15KP280AV/CAV	R6	TVS
4	1A1GV~1A7GV	R1	GPP STD
5	1KSMB10AV/CAV~1KSMB100AV/CAV	SMB	TVS
6	1N4001GV~1N4007GV	DO41	GPP STD
7	1N4148WSGV	SOD323	SWITCHING
8	1N4148WTV~1N914BWTV	SOD523	SWITCHING
9	1N4148WV	SOD123	SWITCHING
10	1N5817WV~1N5819WV	SOD123F	SKY
11	1SMB5913BV~1SMB5956BV	SMB	ZENER
12	1SS355V	SOD323	SWITCHING
13	1SS400V	SOD523	SWITCHING
14	2N7002KV	SOT23	MOSFET
15	2N7002V	SOT23	MOSFET
16	2SS100V	SOD123F	SKY
17	2SS20LV~2SS100LV	SOD123FL	SKY
18	2SS20V~2SS60V	SOD123F	SKY
19	2SSL20V~2SSL40V	SOD123F	SKY
20	3KPSMC5.0V/AV/CAV~3KPSMC110V/AV/CAV	SMC	TVS
21	3SSL60LV	SOD123FL	SKY
22	3SSL60V	SOD123F	SKY
23	5.0SMCJ11AV/CAV~5.0SMCJ440AV/CAV	SMC	TVS
24	5.0SMDJ22AV/CAV~5.0SMDJ170AV/CAV	SMC	TVS
25	5KP5.0V/AV/CAV~5KP250AV/CAV	R6	TVS
26	6A05~6A10	R6	OJ STD
27	6A10GV	R6	GPP STD
28	B0520LV~B0540WV	SOD123	SKY
29	B5817WV~B5819WV	SOD123	SKY
30	BAS16V	SOT23	SWITCHING
31	BAS21TWV	SOT363	SWITCHING
32	BAS21V/AV/CV/SV	SOT23	SWITCHING
33	BAS316WSV	SOD323	SWITCHING
34	BAS40V/-04V/-05V/-06V	SOT23	SKY
35	BAS40WV/-04V/-05V/-06V	SOT323	SKY
36	BAS416V	SOD323	SWITCHING
37	BAS521V	SOD523	SWITCHING
38	BAS70V/-04V/-05V/-06V	SOT23	SKY
39	BAT42WSV~BAT43WSV	SOD323	SKY
40	BAT42WV~BAT43WV	SOD123	SKY
41	BAT46JV	SOD323	SKY
42	BAT46WV	SOD123	SKY
43	BAT54ATV/BAT54CTV/BAT54STV	SOT523	SKY
44	BAT54TV	SOT523	SKY
45	BAT54V/AV/CV/SV	SOT23	SKY
46	BAT54WV/AWV/CWV/SWV	SOT323	SKY
47	BAV199V	SOT23	SWITCHING



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48	BAV19WSV~BAV21WSV	SOD323	SWITCHING
49	BAV21JV	SOD323F	SWITCHING
50	BAV23V/AV/CV/SV	SOT23	SWITCHING
51	BAV70V, BAV99V, BAW56V	SOT23	SWITCHING
52	BAV99WV	SOT323	SWITCHING
53	BC807V~BC808V	SOT23	PNP
54	BC817V	SOT23	NPN
55	BZD27C3V6PV~BZD27C220PV	SOD123F(L)-1	ZENER
56	BZT52B2V4SV~BZT52B43SV	SOD323	ZENER
57	BZT52B2V4V~BZT52B43V	SOD123	ZENER
58	BZT52C2V0SV~BZT52C75SV	SOD323	ZENER
59	BZT52C2V4V~BZT52C51V	SOD123	ZENER
60	BZX84B2V4V~BZX84B75V	SOT23	ZENER
61	BZX84C2V4V~BZX84C75V	SOT23	ZENER
62	BZX84C2V4WV~BZX84C39WV	SOT323	ZENER
63	BZX85C2V7V~BZX85C75V	DO41G	ZENER
64	DS12WV~DS120WV	SOD123F(L)	SKY
65	DS32WV~DS320WV	SOD123F(L)	SKY
66	DSL260WV	SOD123F(L)	SKY
67	DTA143EEV/EKAV/EMV/ESAV/EUAV/ECAV	SOT523	PNP
68	DTC114EEV/EKAV/EMV/ESAV/EUAV/ECAV	SOT23	NPN
69	DTC124EEV/EKAV/EMV/ESAV/EUAV/ECAV	SOT23	NPN
70	EFM101V~EFM107V	SMA	SF
71	EFM201AV~EFM207AV	SMA	SF
72	EFM201V~EFM207V	SMB	SF
73	EFM301V~EFM307V	SMC	SF
74	ES1ASLV~ES1JSLV	SOD123FL	SF
75	ES1AV~ES1JV	SMA	SF
76	ES1AWV~ES1JWV	SOD123F(L)	SF
77	ES2AAV~ES2JAV	SMA	SF
78	ES2AV~ES2JV	SMB	SF
79	ES3AV~ES3JV	SMC	SF
80	ESD0301BDV	DFN1006	ESD
81	ESD0301DV	DFN1006	ESD
82	ESD0301LDV	DFN1006	ESD
83	ESD03CLV	SOD323	ESD
84	ESD0501BDV	DFN1006	ESD
85	ESD0501LDV	DFN1006	ESD
86	ESD0524DV	DFN2510	ESD
87	ESD05D6DV	DFN0603	ESD
88	ESD05D6LV	DFN0603	ESD
89	ESD05LDV	SOT143	ESD
90	ESD3.3XSM9V	SOD923	ESD
91	ESD3Z3.3DV	SOD323	ESD
92	ESD3Z3V3DV	SOD323	ESD
93	ESD3Z5.0DV	SOD323	ESD
94	ESD3Z5V0DV	SOD323	ESD



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95	ESD5V6ALV~ESD27ALV	SOT23	ESD
96	ESD5Z3.3DV	SOD523	ESD
97	ESD5Z5.0DV	SOD523	ESD
98	ESD8104V	DFN2510	ESD
99	ESD8D3V3V~ESD8D12V	DFN1006	ESD
100	ESDB5.0CM9V	SOD923F	ESD
101	FFM101V~FFM107V	SMA	FR
102	FFM201V~FFM207V	SMB	FR
103	FFM301V~FFM307V	SMC	FR
104	FFM501V~FFM507V	SMC	FR
105	FM120BV~FM1200BV	SMB	SKY
106	FM120V~FM1200V	SMA	SKY
107	FM201AV~FM207AV	SMA	GPP STD
108	FM201V~FM207V	SMB	GPP STD
109	FM220AV~FM2200AV	SMA	SKY
110	FM220V~FM2200V	SMB	SKY
111	FM3013V	SMC	GPP STD
112	FM301BV~FM307BV	SMB	GPP STD
113	FM301V~FM307V	SMC	GPP STD
114	FM320AV~FM3200AV	SMA	SKY
115	FM320BV~FM3200BV	SMB	SKY
116	FM320V~FM3200V	SMC	SKY
117	FM3500WV	SMX	HIGH
118	FM4001V~FM4007V	SMA	GPP STD
119	FM4001WSV~FM4007WSV	SOD323F	GPP STD
120	FM4100AV	SMA	SKY
121	FM4728WV~FM4763WV	SMA	ZENER
122	FM501BV~FM507BV	SMB	GPP STD
123	FM501V~FM507V	SMC	GPP STD
124	FM520BV~FM5200BV	SMB	SKY
125	FM520V~FM5200V	SMC	SKY
126	FM5820V~FM5822V	SMC	SKY
127	FM806CV	SMC	GPP STD
128	FM860CV	SMC	SKY
129	FML5120BV	SMB	SKY
130	FML860CV	SMC	SKY
131	FMM145V	SMA	SKY
132	FMMT491V	SOT23	NPN
133	FR101WSV~FR107WSV	SOD323F	FR
134	HFM1012BV	SMB	HER
135	HFM1012V	SMA	HER
136	HFM101V~HFM108V	SMA	HER
137	HFM201V~HFM208V	SMB	HER
138	HFM508BV~HFM508BV	SMB	HER
139	ISF106C~ISF107CV	ITO220	SF
140	ISR15150CV	ITO220	SKY
141	ISR2020CV~ISR20200CV	ITO220	SKY



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NO.	P/N	Package	Family
142	ISR30100CV	ITO220	SKY
143	ISR40100CV	ITO220	SKY
144	MM3Z2V4V~MM3Z100V	SOD323	ZENER
145	MM5Z2V0BV~MM5Z75BV	SOD523	ZENER
146	MMBD3004V/AV/CV/DV	SOT23	SWITCHING
147	MMBT2222AV	SOT23	NPN
148	MMBT2907AV	SOT23	PNP
149	MMBT3904V	SOT23	NPN
150	MMBT4401V	SOT23	NPN
151	MMBT5401V	SOT23	PNP
152	MMBT5551V	SOT23	NPN
153	MMBZ5221BV~MMBZ5259BV	SOT23	ZENER
154	MMBZ5221BWV~MMBZ5259BWV	SOT323	ZENER
155	MMSZ4678TV~MMSZ4717TV	SOD523	ZENER
156	MMSZ4678V~MMSZ4717V	SOD123	ZENER
157	MMSZ5221BSV~MMSZ5259BSV	SOD323	ZENER
158	MMSZ5221BV~MMSZ5265BV	SOD123	ZENER
159	MUR120V~MUR160V	DO41	MUR
160	MUR1680CV	TO220	MUR
161	MUR20120CV	TO247	MUR
162	MUR2020CTAV~MUR2060CTAV	TO220AB	MUR
163	MUR2065CV	TO247	MUR
164	MUR30120CLSV	TO247S	MUR
165	MUR30120CV	TO247	MUR
166	MUR3060CV	TO247	MUR
167	MUR420V~MUR460V	DO201AD	MUR
168	MUR550V	DO201AD	MUR
169	MURS120V~MURS160V	SMB	MUR
170	MURS220AV~MURS260AV	SMA	MUR
171	MURS320BV~MURS360BV	SMB	MUR
172	P4FMAJ6.8V/AV/CAV~P4FMAJ550AV/CAV	SMA	TVS
173	P4KE6.8V/AV/CAV~P4KE440AV/CAV	DO41	TVS
174	P4SMAJ6.8V/AV/CAV~P4SMAJ550AV/CAV	SMA	TVS
175	P6FMBJ6.8V/AV/CAV~P6FMBJ600AV/CAV	SMB	TVS
176	P6KE6.8V~P6KE600CAV	DO15	TVS
177	PESD1LINV	SOD323	ESD
178	RB520S-30V	SOD523	SKY
179	RB520S-40V	SOD523	SKY
180	RB751S-40V	SOD523	SKY
181	RL1N4001GV~RL1N4007GV	A405	GPP STD
182	RL201GV~RL207GV	DO15	GPP STD
183	RM1002V	SOT23	MOSFET
184	RM100N40DFV	DFN5X6-8L	MOSFET
185	RM100N60DFV	DFN5X6	MOSFET
186	RM110P40HDV	TO263	MOSFET
187	RM120N40DF	PDFN5X6	MOSFET
188	RM150N100HDV	TO263	MOSFET



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NO.	P/N	Package	Family
189	RM150N40DFV	DFN5X6-8L	MOSFET
190	RM150N60DFV	DFN5X6	MOSFET
191	RM15P40D3V	DFN3X3	MOSFET
192	RM160N40DFV	DFN5X6	MOSFET
193	RM160N40HDV	TO263	MOSFET
194	RM180N30DFV	DFN5X6	MOSFET
195	RM2003V	SOT23-6L	MOSFET
196	RM200N40DFV	PDFN5X6-8L	MOSFET
197	RM2305BV	SOT23	MOSFET
198	RM2305V	SOT23	MOSFET
199	RM2310V	SOT23	MOSFET
200	RM2312V	SOT23	MOSFET
201	RM25P60D3V	DFN3X3	MOSFET
202	RM25P60LDV	TO252	MOSFET
203	RM3003S6V	SOT23-6L	MOSFET
204	RM300N85TLV	TOLL-8L	MOSFET
205	RM3010V	SOP-8	MOSFET
206	RM30N100LDV	TO252	MOSFET
207	RM3401V	SOT23	MOSFET
208	RM3401YV	SOT23	MOSFET
209	RM3407V	SOT23	MOSFET
210	RM3415V	SOT23	MOSFET
211	RM40N100DFV	DFN5X6	MOSFET
212	RM40N100HDV	TO263	MOSFET
213	RM40P40DFV	DFN5X6	MOSFET
214	RM50N60DFV	DFN5X6	MOSFET
215	RM50N60LDV	TO252	MOSFET
216	RM50P40LDV	TO252	MOSFET
217	RM52N100D3V	DFN3X3	MOSFET
218	RM5N40S2V	SOT23	MOSFET
219	RM5P60YV	SOT23-3L	MOSFET
220	RM60P60HDV	TO263	MOSFET
221	RM65N40D3V	DFN3X3-8L	MOSFET
222	RM65N40DFV	DFN5X6-8L	MOSFET
223	RM70N40LDV	TO252	MOSFET
224	RM75P60HDV	TO263	MOSFET
225	RM78N100LDV	TO252	MOSFET
226	RM80N100AT2V	TO220	MOSFET
227	RM80N100T2V	TO220	MOSFET
228	RM80P40LDV	TO252	MOSFET
229	RM85P40DFV	DFN5X6	MOSFET
230	RM90N30LDV	TO252	MOSFET
231	RMD20N40D3V	DFN3X3	MOSFET
232	RMD25N100DFV	DFN5X6	MOSFET
233	RMD30N40DFV	DFN5X6	MOSFET
234	RMD50N40DFV	DFN5X6	MOSFET
235	RMD7N40DNV	DFN3X3	MOSFET



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NO.	P/N	Package	Family
236	RSM24MV	SOT23	ESD
237	RSM33N120D7LV	TO263-7L	MOSFET
238	RSM712V	SOT23	ESD
239	S8050V	SOT23	NPN
240	S8550V	SOT23	PNP
241	SA1LV~SA7LV	SOD123FL	GPP STD
242	SA1V~SA7V	SOD123F	GPP STD
243	SE1LV~SE6LV	SOD123FL	SF
244	SF6LV	SOD123FL	SF
245	SM8S10V/AV/CAV~SM8S43V/AV/CAV	DO218	TVS
246	SMA3Z24BV	SMA	ZENER
247	SMA3Z3.3AV~SMA3Z100AV	SMA	ZENER
248	SMA5913AV~SMA5956AV	SMA	ZENER
249	SMAJ5.0V/AV/CAV~SMAJ440AV/CAV	SMA	TVS
250	SMB5333BV~SMB5388BV	SMB	ZENER
251	SMBJ5.0V/AV/CAV~SMBJ550AV/CAV	SMB	TVS
252	SMCJ5.0V/AV/CAV~SMCJ550AV/CAV	SMC	TVS
253	SMF4734AV~SMF4771AV	SOD123FL	ZENER
254	SMF5.0AV/CAV~SMF190AV/CAV	SOD123F	TVS
255	SR1020KV~SR10200KV	DPAK	SKY
256	SR1020PV~SR10200PV	DO277	SKY
257	SR1045PV	DO277	SKY
258	SR15150PV	DO277	SKY
259	SR15200PV	DO277	SKY
260	SR20100PV	DO277	SKY
261	SR2020CV~SR20200CV	TO220	SKY
262	SR2020V~SR20200V	TO220A	SKY
263	SR20H200RV	TO220A	SKY
264	SR220V~SR2200V	DO15	SKY
265	SR30200CEV	TO247	SKY
266	SR30200CSV	D2PAK	SKY
267	SR3020CV~SR30200CV	TO220	SKY
268	SR3045CSV	D2PAK	SKY
269	SR40100CSV	D2PAK	SKY
270	SR40100CV	TO220	SKY
271	SR560PV~SR5200PV	DO277	SKY
272	SR60150CEV	TO247	SKY
273	SR8100PV	DO277	SKY
274	SR840KV~SR8200KV	DPAK	SKY
275	SRL3100PV	DO277	SKY
276	SRL5100PV	DO277	SKY
277	SRL560KV	DPAK	SKY
278	SRL8100PV	DO277	SKY
279	SS150V~SS200V	SOD123F	SKY
280	SS20LV~SS100LV	SOD123FL	SKY
281	SS32FV~SS320FV	SMAF	SKY
282	SS52FV~SS520FV	SMAF	SKY



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283	SS8050V	SOT23	NPN
284	SS8550V	SOT23	PNP
285	SZM4F5.0AV~SZM4F220AV	SOD123F(L)	ESD
286	TAB03CDV~TAB24CDV	SOD323	ESD
287	TAB03LCV~TAB24LCV	SOD323	ESD
288	TAB05DV	SOD323	ESD
289	TEP0302DV	DFN1006-3L	ESD
290	TEP0302TDV	SOT23	ESD
291	TEP03CV~TEP36CV	SOD323	ESD
292	TEP03V~TEP36V	SOD323	ESD
293	TEP0501CLV	DFN1006	ESD
294	TEP0501DV	DFN1006	ESD
295	TEP0501MV	DFN1006	ESD
296	TEP0502DV	DFN1006-3L	ESD
297	TEP0502T5CLV	SOT523	ESD
298	TEP0502T5DV	SOT523	ESD
299	TEP0502TDV	SOT23	ESD
300	TEP0504DV	SOT26	ESD
301	TEP0701MV	DFN1006	ESD
302	TEP0801PBLCV	DFN1006	ESD
303	TEP0801PBV	DFN1006	ESD
304	TEP1201MV	DFN1006	ESD
305	TEP2105LV	SOT23	ESD
306	TEP2401MV	DFN1006	ESD
307	TEP2401QMV	DFN1006	ESD
308	TEP3324DV	DFN2510	ESD
309	TEP3B3CMV	SOD323	ESD
310	TEP5B3CMV	SOD523	ESD
311	TEP5B5CLV	SOD523	ESD
312	TEP5B5CMV	SOD523	ESD
313	TEP5V6ALV~TEP27ALV	SOT23	ESD
314	TEP5VS143LCV	SOT143	ESD
315	TEP5Z2.5MV	SOD523	ESD
316	TEP5Z2V5V~TEP5Z36V	SOD523	ESD
317	TEP5Z3.3CV	SOD523	ESD
318	TEPM03CMV~TEPM15CMV	SOT23	ESD
319	TEPM03V~TEPM36V	SOT23	ESD
320	TEPM05MCV~TEPM12MCV	SOT23	ESD
321	TEPM24CV	SOT23	ESD
322	TFMAJ5.0V/AV/CAV~TFMAJ440AV/CAV	SMA	TVS
323	TFMBJ5.0V/AV/CAV~TFMBJ550AV/CAV	SMB	TVS
324	UFM204AV	SMA	USF
325	UG860V	SMC	ULTRAFAST
326	Z75V~Z330V	DO41	ZENER

REV: 2025-6-24