

Article Number	Type	Package	Qualification	Config	Life Cycle	pol	ID(A)	VDS(V)	RDSOn1(Ω)	Tjmax (°C)	Ptot(W)	IDM(A)	VGsthmin	tr(ns)	tr(ns)
DIW170SIC750	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	7.5	1700	0.85	175	84	19	2	10	23
DI120SIC089D7-AQ	SMD	TO-263-7L	AEC-Q101	Single	engineering sample	N	46	1200	0.089	175	263	105	2	10	9
DI075SIC055D7	Wire-lead	TO-263-7L	Industrial Grade	Single	engineering sample	N	53	750	0.055	175	214	132	1.9	12	8
DIF120SIC053-AQ	Wire-lead	TO-247-4L	AEC-Q101	Single	active	N	65	1200	0.053	175	278	100	1.9	58	15
DIW120SIC059-AQ	Wire-lead	TO-247-3L	AEC-Q101	Single	active	N	65	1200	0.053	175	278	100	1.9	58	15
DI120SIC081D7	SMD	TO-263-7L	Industrial Grade	Single	engineering sample	N	24	1200	0.081	175	93	52	2.8	27	34
DI120SIC089D7	SMD	TO-263-7L	Industrial Grade	Single	engineering sample	N	24	1200	0.081	175	93	52	2.8	27	34
DIW170SIC070	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	70	1700	0.06	175	455	140	2.2	19	14
DI065SIC031TL-AQ	SMD	HSOF-8/TOLL	AEC-Q101	Single	engineering sample	N	128	650	0.031	175	200	240	2	21	9
DI065SIC031TL	SMD	HSOF-8/TOLL	Industrial Grade	Single	engineering sample	N	128	650	0.031	175	200	240	2	21	9
DI120SIC050TL	SMD	HSOF-8/TOLL	Industrial Grade	Single	engineering sample	N	58	1200	0.05	175	200	126	2	30	11
DI170SIC850D7	SMD	TO-263-7L	Industrial Grade	Single	active	N	7	1700	0.85	150	62	9	2	23	14
DIF170SIC049-AQ	Wire-lead	TO-247-4L	AEC-Q101	Single	engineering sample	N	67	1700	0.049	175	357	150	1.9	21	19
DIF170SIC049	Wire-lead	TO-247-4L	Industrial Grade	Single	active	N	67	1700	0.049	175	357	150	1.9	21	19
DI120SIC026D7	Wire-lead	TO-263-7L	Industrial Grade	Single	engineering sample	N	117	1200	0.026	175	535	297	1.9	32	14
DIW170SIC049	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	67	1700	0.049	175	357	150	1.9	21	19
DIF120SIC028-AQ	Wire-lead	TO-247-4L	AEC-Q101	Single	engineering sample	N	100	1200	0.028	175	517	300	2	11	8
DIF120SIC028	Wire-lead	TO-247-4L	Industrial Grade	Single	active	N	100	1200	0.0274	175	517	300	2	11	8
DIF120SIC038	Wire-lead	TO-247-4L	Industrial Grade	Single	engineering sample	N	77	1200	0.038	175	340	234	2	0	0
DIF120SIC022-AQ	Wire-lead	TO-247-4L	AEC-Q101	Single	active	N	120	1200	0.0223	175	340	250	2	38	35
DIW120SIC022-AQ	Wire-lead	TO-247-3L	AEC-Q101	Single	active	N	120	1200	0.0223	175	580	250	2	38	35
DIW120SIC022	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	120	1200	0.0223	175	340	250	2	38	35
DIF120SIC017-AQ	Wire-lead	TO-247-4L	AEC-Q101	Single	engineering sample	N	90	1200	0.017	175	250	198	1.8	26	30
DIF120SIC017	Wire-lead	TO-247-4L	Industrial Grade	Single	engineering sample	N	90	1200	0.017	175	250	198	1.8	26	30
DI065SIC020TL-AQ	SMD	HSOF-8/TOLL	AEC-Q101	Single	engineering sample	N	140	650	0.002	175	288	600	2	-	-
DI065SIC020TL	SMD	HSOF-8/TOLL	Industrial Grade	Single	engineering sample	N	140	650	0.02	175	288	600	2	-	-
DIF065SIC020	Wire-lead	TO-247-4L	Industrial Grade	Single	active	N	150	650	0.02	175	550	300	-	136	27
DIF065SIC030	Wire-lead	TO-247-4L	Industrial Grade	Single	active	N	105	650	0.03	175	0	260	-	0	0
DIF065SIC080	Wire-lead	TO-247-4L	Industrial Grade	Single	engineering sample	N	36	650	0.08	175	175	100	3	0	0
DIF120SIC022	Wire-lead	TO-247-4L	Industrial Grade	Single	active	N	120	1200	0.0223	175	340	250	-	-	-
DIF120SIC053	Wire-lead	TO-247-4L	Industrial Grade	Single	active	N	68	1200	0.053	175	278	100	-	-	-

DIW065SIC015	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	150	650	0.015	175	550	300	-	0	0
DIW065SIC049	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	60	650	0.049	175	395	135	2	0	0
DIW065SIC080	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	36	650	0.08	175	175	100	-	0	0
DIW120SIC023-AQ	Wire-lead	TO-247-3L	AEC-Q101	Single	active	N	130	1200	0.023	175	600	260	2.9	-	-
DIW120SIC028	Wire-lead	TO-247-3L	Industrial Grade	Single	active	N	118	1200	0.028	175	715	295	-	0	0
DIW120SIC192	Wire-lead	TO-247-3L	Industrial Grade	Single	engineering sample	N	19	1200	0.192	150	127	40	2	0	0
DIW170SIC030-AQ	Wire-lead	TO-247-3L	AEC-Q101	Single	engineering sample	N	123	1700	0.03	175	333	260	-	0	0
DIW170SIC030	Wire-lead	TO-247-3L	Industrial Grade	Single	engineering sample	N	123	1700	0.03	175	333	260	-	0	0