

Article Number	Type	Package	Qualification	Config	Life Cycle	VRRM [V]	IFAV [A]	Tjmax [°C]	VF [V]	IFSM [A]
SIT02C065	Wire-lead	TO-220AC	Industrial Grade	Single	engineering sample	650	2	175	1.4	11
SI01C065T	SMD	SMAF	Industrial Grade	Single	engineering sample	650	1	175	1.2	12
SI01C120SMB	SMD	DO-214AA/SMB	Industrial Grade	Single	active	1200	1	175	1.3	24
SI02C065SMB	SMD	DO-214AA/SMB	Industrial Grade	Single	active	650	2	175	1.6	24
SI02C120SMA	SMD	DO-214AC/SMA	Industrial Grade	Single	active	1200	2	175	1.4	24
SI02C120SMB	SMD	DO-214AA/SMB	Industrial Grade	Single	active	1200	2	175	1.4	24
SI04C065D1-AQ	SMD	TO-252AA/D-PAK	AEC-Q101	Single	engineering sample	650	4	175	1.65	24
SI04C065D1	SMD	TO-252AA/D-PAK	Industrial Grade	Single	engineering sample	650	4	175	1.65	24
SI02C120SMB-AQ	SMD	DO-214AA/SMB	AEC-Q101	Single	engineering sample	1200	2	175	1.4	25
SIT04C065	Wire-lead	TO-220AC	Industrial Grade	Single	active	650	4	175	1.7	31
SI10C065D2-AQ	SMD	TO-263AB/D2PAK	AEC-Q101	Single	engineering sample	650	10	175	1.55	38
SI10C065D2	SMD	TO-263AB/D2PAK	Industrial Grade	Single	engineering sample	650	10	175	1.55	38
SI20C065CD2	SMD	TO-263AB/D2PAK	Industrial Grade	Common Cathode	active	650	20	175	1.75	44
SI06C065D1-AQ	SMD	TO-252AA/D-PAK	AEC-Q101	Single	engineering sample	650	6	175	1.65	48
SI06C065D1	SMD	TO-252AA/D-PAK	Industrial Grade	Single	engineering sample	650	6	175	1.65	48
SIT06C065	Wire-lead	TO-220AC	Industrial Grade	Single	engineering sample	650	6	175	1.65	48
SIT05C120	Wire-lead	TO-220AC	Industrial Grade	Single	engineering sample	1200	5	175	1.8	50
SIT10C120	Wire-lead	TO-220AC	Industrial Grade	Single	engineering sample	1200	10	175	1.8	70
SIW10C120-AQ	Wire-lead	TO-247-2L	AEC-Q101	Single K	engineering sample	1200	10	175	1.6	70
SIW10C120	Wire-lead	TO-247-2L	Industrial Grade	Single K	engineering sample	1200	10	175	1.6	70
SI08C065D2	SMD	TO-263AB/D2PAK	Industrial Grade	Single	engineering sample	650	8	175	1.65	75
SIT08C065	Wire-lead	TO-220AC	Industrial Grade	Single	active	650	8	175	1.7	75
SICW20C065	Wire-lead	TO-247-3L	Industrial Grade	Common Cathode	active	650	20	175	1.45	85
SICW20C120	Wire-lead	TO-247-3L	Industrial Grade	Common Cathode	active	1200	20	175	1.8	95
SIT10C065	Wire-lead	TO-220AC	Industrial Grade	Single	active	650	10	175	1.7	105
SIT12C065	Wire-lead	TO-220AC	Industrial Grade	Single	active	650	12	175	1.75	105
SIT15C065	Wire-lead	TO-220AC	Industrial Grade	Single	engineering sample	650	15	175	1.5	117
SICW30C065-AQ	Wire-lead	TO-247-3L	AEC-Q101	Common Cathode	engineering sample	650	30	175	1.55	120
SICW30C065	Wire-lead	TO-247-3L	Industrial Grade	Common Cathode	engineering sample	650	30	175	1.55	120
SIW10C170	Wire-lead	TO-247-2L	Industrial Grade	Single K	engineering sample	1700	10	175	1.65	130
SIW20C065	Wire-lead	TO-247-2L	Industrial Grade	Single K	engineering sample	650	20	175	1.5	132

SI20C120D2	SMD	TO-263AB/D2PAK	Industrial Grade	Single	engineering sample	1200	20	175	1.8	150
SICW40C065-AQ	Wire-lead	TO-247-3L	AEC-Q101	Common Cathode	engineering sample	650	40	175	1.5	152
SICW40C065	Wire-lead	TO-247-3L	Industrial Grade	Common Cathode	engineering sample	650	40	175	1.5	152
SIT20C065	Wire-lead	TO-220AC	Industrial Grade	Single	active	650	20	175	1.8	160
SI20C065D2	SMD	TO-263AB/D2PAK	Industrial Grade	Single	active	650	20	175	1.8	167
SICW40C120	Wire-lead	TO-247-3L	Industrial Grade	Common Cathode	active	1200	40	175	1.8	180
SIT20C120	Wire-lead	TO-220AC	Industrial Grade	Single	engineering sample	1200	20	175	1.8	180
SIT30C065	Wire-lead	TO-220AC	Industrial Grade	Single	engineering sample	650	30	175	1.8	210
SIW30C065	Wire-lead	TO-247-2L	Industrial Grade	Single K	engineering sample	650	30	175	1.8	210