







SiC Diodes

Type	V _{RRM}	I _F	@ T _c	I _F	V _F	Q _c	R _{thJC}	Fig. No.	Package style	
◇ Under Dev. 2019 Release			DC	DC @ 25°C					Outline drawings on pages O-36...O-63	
➤ New	V	A	°C	A	V	nC	K/W			
➤ LSIC2SD065A06A	650	6	152	18.5	1.5	20	2.00	L005b	L004a TO-252 	
➤ LSIC2SD065A08A		8	150	23.0	1.5	29	1.70			
➤ LSIC2SD065A10A		10	147	27.0	1.5	30	1.50			
➤ LSIC2SD065A16A		16	140	38.0	1.5	48	1.20			
➤ LSIC2SD065A20A		20	135	45.0	1.5	63	1.10			
➤ LSIC2SD065C06A		6	152	18.5	1.5	20	2.00			L004a
➤ LSIC2SD065C08A		8	150	23.0	1.5	29	1.70			
➤ LSIC2SD065C10A		10	147	27.0	1.5	30	1.50			
➤ LSIC2SD065C16A		16	140	38.0	1.5	48	1.20			
➤ LSIC2SD065C20A		20	135	45.0	1.5	63	1.10			
➤ LSIC2SD065D06A	6	6	152	18.5	1.5	20	2.00	L011c	L005b TO-220 AC 	
➤ LSIC2SD065D08A		8	150	23.0	1.5	29	1.70			
➤ LSIC2SD065D10A		10	147	27.0	1.5	30	1.50			
➤ LSIC2SD065D16A		16	140	38.0	1.5	48	1.20			
➤ LSIC2SD065D20A		20	135	45.0	1.5	63	1.10			
➤ LSIC2SD065E12CCA	6/12*	6/12*	152	18.5/37*	1.5	20	2.0/1.00*	L014a		
➤ LSIC2SD065E16CCA		8/16*	150	23/46*	1.5	29	1.7/0.85*			
➤ LSIC2SD065E20CCA		10/20*	147	27/54*	1.5	30	1.5/0.75*			
➤ LSIC2SD065E32CCA		16/32*	140	38/76*	1.5	48	1.2/0.60*			
➤ LSIC2SD065E40CCA		20/40*	135	45/90*	1.5	63	1.1/0.55*			
◇ LSIC2SB065B10A	10	10	147	27.0	1.5	30	TBD	L014b	L011c TO-263ABHV 	
◇ LSIC2SD065B16A		16	140	38.0	1.5	48	TBD			
◇ LSIC2SB065B20A		20	135	45.0	1.5	63	TBD			
◇ LSIC2SB065B32A		32	150	70.0	1.5	TBD	TBD			
◇ LSIC2SB065B40A		40	150	85.0	1.5	TBD	TBD			
◇ LSIC2SD065N40PA	20/40*	20/40*	135	45/90*	1.5	63	TBD	L027a		
◇ LSIC2SD065N80PA		40/80*	150	80/160*	1.5	TBD	TBD			
◇ LSIC2SD065N128PA		64/128*	150	110/220*	1.5	TBD	TBD			
LSIC2SD120A05	1200	5	158	17.5	1.5	30	1.50	L005b	L014a TO-247 AD 	
LSIC2SD120A08		8	154	24.5	1.5	47	1.20			
LSIC2SD120A10		10	151	28.0	1.5	57	1.10			
LSIC2SD120A15		15	150	44.0	1.5	92	0.70			
LSIC2SD120A20		20	150	54.5	1.5	115	0.60			
LSIC2SD120C05	5	5	159	18.1	1.5	30	1.50	L004a		
LSIC2SD120C08		8	154	24.5	1.5	47	1.20			
LSIC2SD120C10		10	156	33.0	1.5	57	0.85			
LSIC2SD120D10	10	10	151	28.0	1.5	57	1.10	L011c		
LSIC2SD120D15		15	150	44.0	1.5	92	0.70			
LSIC2SD120D20		20	150	54.5	1.5	115	0.60			
◇ LSIC2SB120B10A	10	10	151	28.0	1.5	57	TBD	L014b	L014b TO-247AD 	
◇ LSIC2SB120B20A		20	135	45.0	1.5	115	TBD			
◇ LSIC2SB120B30A		30	150	54.0	1.5	129	TBD			
◇ LSIC2SB120B40A		40	150	65.0	1.5	145	TBD			
◇ LSIC2SD120N40PA	20/40*	20/40*	150	45/90*	1.5	230	0.80/1.60*	L027a		
◇ LSIC2SD120N80PA		40/80*	150	80/160*	1.5	290	0.60/1.20*			
◇ LSIC2SD120N120PA		60/120*	121	110/220*	1.5	360	0.40/0.80*			
LSIC2SD120E10CC	5/10*	5/10*	158	17.5/35.0*	1.5	30	0.75/1.50*	L014a	L027a SOT-227B miniBLOC 	
LSIC2SD120E15CC		8/16*	154	24.5/49.0*	1.5	47	0.60/1.20*			
LSIC2SD120E20CC		10/20*	151	28.0/56.0*	1.5	57	0.55/1.10*			
LSIC2SD120E30CC		15/30*	152	43.8/87.6*	1.5	92	0.35/0.70*			
LSIC2SD120E40CC		20/40*	150	54.5/109*	1.5	115	0.30/0.60*			
◇ LSIC2SB170B10A	1700	10	150	30.0	1.5	57	TBD	L014b		
◇ LSIC2SB170B25A		25	150	61.0	1.5	122	TBD			
◇ LSIC2SB170B50A		50	150	143.0	1.5	392	0.20			

* per Leg/Component