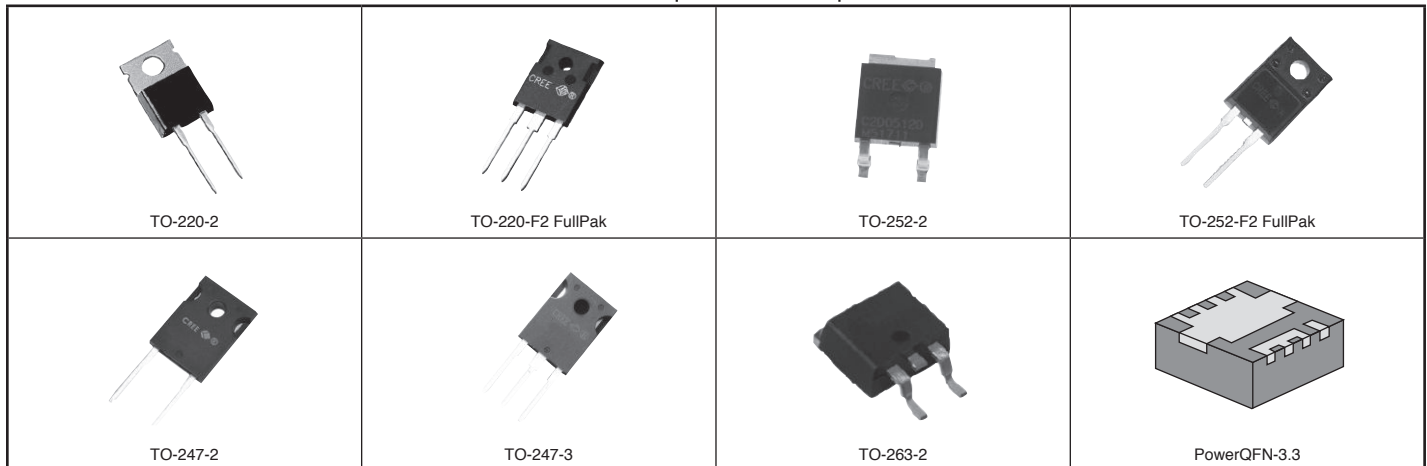


# CREE SiC Schottky Rectifiers and MOSFETs



RoHS Compliant This product is RoHS compliant.



Diodes & Rectifiers

Cree

## SIC RECTIFIERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cree Part No.	Package	V <sub>RRM</sub> (V)	I <sub>F</sub> (avg) (A)	I <sub>FRM</sub> (A) (Max.)	P <sub>tot</sub> (W) (Max.)	Q <sub>c</sub> (nC)	Price Each		
								1	50	100
<b>Zero Recovery Rectifier</b>										
941-CSD01060A	CSD01060A	TO-220-2	600	1	7	21.4	3.3	1.02	1.00	.85
941-CSD01060E	CSD01060E	TO-252-2	600	1	7	21.4	3.3	1.02	1.00	.85
941-C2D05120A	C2D05120A	TO-220-2	1200	5	30	136	28	8.00	7.92	6.67
941-C2D05120E	C2D05120E	TO-252-2	1200	5	30	136	28	8.00	7.92	6.67
941-C2D10120D	C2D10120D	TO-247-3	1200	10	30	138	56	16.26	16.09	13.55
941-C2D10120A	C2D10120A	TO-220-2	1200	10	50	312	61	15.74	15.58	13.12
941-C2D20120D	C2D20120D	TO-247-3	1200	20	50	312	122	36.88	36.51	30.74
<b>Z-Rec Rectifier</b>										
941-C3D1P7060Q	C3D1P7060Q	PowerQFN-3.3	600	1.7	7	39	5.6	.49	.47	.45
941-C3D02060A	C3D02060A	TO-220-2	600	2	12	39.5	4.8	1.48	1.46	1.24
941-C3D02060E	C3D02060E	TO-252-2	600	2	12	39.5	4.8	1.48	1.46	1.24
941-C3D02060F	C3D02060F	TO-252-F2 FullPak	600	2	12	10.8	4.8	1.48	1.46	1.24
941-C3D03060A	C3D03060A	TO-220-2	600	3	18	53	6.7	1.96	1.94	1.64
941-C3D03060E	C3D03060E	TO-252-2	600	3	18	53	6.7	1.96	1.94	1.64
941-C3D03060F	C3D03060F	TO-220-F2 FullPak	600	3	20	12.5	6.7	1.96	1.94	1.84
941-C3D04060A	C3D04060A	TO-220-2	600	4	22	75	8.5	2.50	2.47	2.09
941-C3D04060E	C3D04060E	TO-252-2	600	4	22	75	8.5	2.50	2.47	2.09
941-C3D04060F	C3D04060F	TO-220-2 FullPak	600	4	21	13.1	8.5	2.50	2.47	2.09
941-C3D06060A	C3D06060A	TO-220-2	600	6	41	79	16	3.26	3.22	2.72
941-C3D06060G	C3D06060G	TO-263-2	600	6	41	79	16	3.26	3.22	2.72
941-C3D06060F	C3D06060F	TO-220-2 FullPak	600	6	27	17	16	3.26	3.22	2.72
941-C3D08060A	C3D08060A	TO-220-2	600	8	57	100	21	4.38	4.33	3.65
941-C3D08060G	C3D08060G	TO-263-2	600	8	57	100	21	4.38	4.33	3.65
941-C3D10060A	C3D10060A	TO-220-2	600	10	67	136.3	25	5.38	5.32	4.49
941-C3D10060G	C3D10060G	TO-263-2	600	10	67	136.3	25	5.38	5.32	4.49
941-C3D16060D	C3D16060D	TO-247-3	600	16	57	100	42	11.20	10.27	9.34
941-C3D20060D	C3D20060D	TO-247-3	600	2x10	67/134	136.3	50	14.00	13.86	11.67
941-C3D04065A	C3D04065A	TO-220-2	650	4	22	75	8.5	2.88	2.85	2.40
941-C3D06065A	C3D06065A	TO-220-2	650	6	41	79	16	3.74	3.70	3.13
941-C3D08065A	C3D08065A	TO-220-2	650	8	57	100	21	4.96	4.91	4.14
941-C3D10065A	C3D10065A	TO-220-2	650	10	67	136.3	25	6.18	6.11	5.15
941-C4D02120A	C4D02120A	TO-220-2	1200	2	13	40.5	15	2.88	2.85	2.40
941-C4D02120E	C4D02120E	TO-252-2	1200	2	13	40.5	15	2.88	2.85	2.40
941-C4D05120A	C4D05120A	TO-220-2	1200	5	26	81	34.5	7.20	6.88	6.00
941-C4D05120E	C4D05120E	TO-252-2	1200	5	26	81	34.5	7.20	6.88	6.00
941-C4D08120A	C4D08120A	TO-220-2	1200	7.5	-	-	-	10.80	10.18	9.00
941-C4D10120A	C4D10120A	TO-220-2	1200	10	47	136	66	14.40	13.58	12.00
941-C4D10120E	C4D10120E	TO-252-2	1200	10	47	136	66	14.40	13.58	12.00
941-C4D08120E	C4D08120E	TO-252-2	1200	12.1	38.5	136	49	10.80	10.18	9.00
941-C4D10120D	C4D10120D	TO-247-3	1200	2x5	26	93/18	69	14.66	13.83	12.21
941-C4D15120A	C4D15120A	TO-220-2	1200	15	-	-	-	21.60	20.37	18.00
941-C4D20120A	C4D20120A	TO-220-2	1200	20	91	242	130	28.80	27.16	24.00
941-C4D20120D	C4D20120D	TO-247-3	1200	2x10	47	176/352	132	29.20	27.54	24.33
941-C4D30120D	C4D30120D	TO-247-3	1200	2x15	-	-	-	43.60	41.13	36.33
941-C4D40120D	C4D40120D	TO-247-3	1200	2x20	91	266/532	260	58.00	54.71	48.33
941-C3D10170H	C3D10170H	TO-247-2	1700	14.4	45	231	96	20.10	19.23	18.36
941-C3D25170H	C3D25170H	TO-247-2	1700	26.3	99	377	230	63.60	60.85	58.09

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## Z-FET MOSFETS

- Features:**
- N-channel Enhancement Mode

**Applications:**

- Solar Inverters
- High Voltage DC/DC
- Converters
- Motor Drives

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cree Part No.	Package	V <sub>DS</sub> (V)	R <sub>DS(on)</sub> (mΩ)	I <sub>D</sub> (max.) (A)	Q <sub>g</sub> (nC)	P <sub>tot</sub> (W) (Max.)	Price Each		
								1	50	100
941-CMF20120D	CMF20120D	TO-247-3	1200	80	33	-	150	49.95	48.75	48.44
941-CMF10120D	CMF10120D	TO-247-3	1200	160	24	47	152	20.62	20.42	20.21