



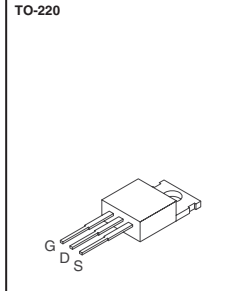
A Product Line of Diodes Incorporated



MOSFETs
100-150 Volts (Cont.)



BVDS (V)	ID (mA)	IDM (A)	VGS (th) @ ID (mA)		RDS (on) ID (mA)		VGS (V)	PD (W)	Package Type	Digi-Key Part No.	Cut Tape Price Each		Digi-Key Part No.	Tape and Reel		
			Min.	Max.	Max. @	Max. @					1	10		Qty.	Pricing	
-100	-75	-1.2	-1.5	-3.5	1	20	-150	-10	3.30	SOT23-3	ZVP3310FCT-ND	.67	.59	ZVP3310FTR-ND	3,000	221.40/M
	-310	-3.0	-1.5	-3.5	1	8.0	-0.375	-10	2.0	SOT-223	ZVP2110GCT-ND	.94	.85	ZVP2110GTR-ND	1,000	371.75
	-1400	-7.7	-2.0	-4.0	-0.25	0.45	-1200	-6	1.1	SOT-223	ZXMP10A17GCT-ND	.73	.63	ZXMP10A17GTR-ND	1,000	264.35
	-3800	-21.1	-2.0	-4.0	-0.25	0.190	-2400	-6	4.3	D-PAK	ZXMP10A18KCTCT-ND	1.26	1.13	ZXMP10A18KCTTR-ND	2,500	462.62/M
	-3900	-3.9	-2.0	-4.0	-0.25	0.450	-456	—	4.3	D-PAK	ZXMP10A17KCT-ND	.90	.81	ZXMP10A17KTR-ND	2,500	332.10/M
	-3000	-15.4	-2.0	-4.0	-0.25	0.235	-2100	-10	4.24	D-PAK	ZXMP10A16KCT-ND	.80	.72	ZXMP10A16KTR-ND	2,500	294.92/M
	N and P Channel Complementary															
	100	2000	9.4	—	3	0.25	0.230	2100	10	1.8	SO-8	ZXMC10A816N8DICT-ND	.88	.79	ZXMC10A816N8DITR-ND	2,500
-100	-2000	-10.5	—	-3	-0.25	0.235	-2200	-10								
100	800	4.3	—	4	0.25	0.70	1000	10	.87	SO-8	ZXMC10A07N8DICT-ND	1.10	.99	ZXMC10A07N8DITR-ND	2,500	404.79/M
-100	-800	-3.64	—	-4	-0.25	1.00	-900	-10								

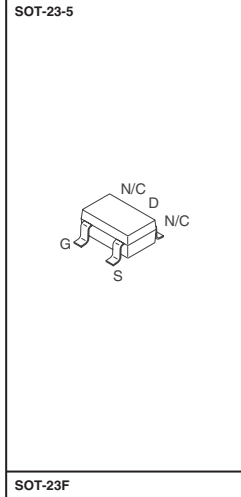


200 - 450 Volts

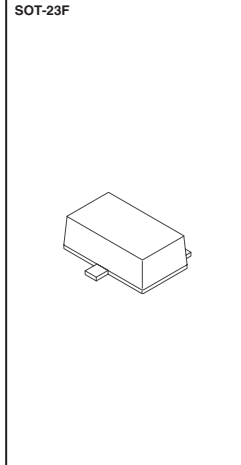


BVDS (V)	ID (mA)	IDM (A)	VGS (th) @ ID (mA)		RDS (on) ID (mA)		VGS (V)	PD (W)	Packaging Type	Digi-Key Part No.	Loose Piece Price Each				
			Min.	Max.	Max. @	Max. @					1	10	100	1,000	
N-Channel															
200	180	2	0.5	1.5	1	10	125	3	0.7	T092-3	ZVNL120A-ND	.64	.57	.44	.26
200	120	2	—	—	—	23	25	2.6	0.5	T092-3	BS107P-ND	.75	.66	.51	.30
200	100	1	1.0	3.0	1	25	100	10	0.625	T092-3	ZVN3320A-ND	.55	.49	.38	.23
240	160	2	1.0	3.0	1	16	250	10	0.7	T092-3	ZVN0124A-ND	.59	.52	.41	.24
240	260	1	0.8	1.8	1	6	100	2.5	0.75	T092-3	ZVN4424A-ND	.93	.83	.65	.40
450	90	0.6	1.0	3.0	1	50	100	10	0.7	T092-3	ZVN0545A-ND	1.35	1.22	.98	.64
P-Channel															
-240	-200	-1	-0.8	-2.5	1	15	100	-3.5	0.75	T092-3	ZVP4424A-ND	.96	.85	.68	.42
-450	-45	-0.4	-1.5	-4.5	1	150	50	-10	0.7	T092-3	ZVP0545A-ND	1.33	1.18	.94	.57

C



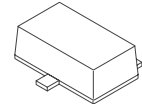
BVDS (V)	ID (mA)	IDM (A)	VGS (th) @ ID (mA)		RDS (on) ID (mA)		VGS (V)	PD (W)	Packaging Type	Digi-Key Part No.	Cut Tape Price Each		Digi-Key Part No.	Tape and Reel		
			Min.	Max.	Max. @	Max. @					1	10		Qty.	Pricing	
N-Channel																
200	60	1.0	1.0	3.0	1.0	25	100	10	0.300	SOT23-3	ZVN3320FCT-ND	.43	.35	ZVN3320FTR-ND	3,000	121.44/M
	320	2.0	1.0	3.0	1.0	10	0.25	10	2.0	SOT-223	ZVN2120GCT-ND	.78	.71	ZVN2120GTR-ND	1,000	309.79
	320	2.0	0.5	1.5	1.0	10	0.125	3.0	2.0	SOT-223	ZVNL120GCT-ND	.85	.76	ZVNL120GTR-ND	1,000	334.57
240	500	1.5	0.8	1.8	1.0	6.0	0.10	2.5	2.5	SOT-223	ZVN4424GCT-ND	.99	.89	ZVN4424GTR-ND	1,000	390.75
	300	1.0	0.8	1.8	1.0	6.0	100	2.5	1.0	SOT-89	ZVN4424ZCT-ND	.74	.65	ZVN4424ZTR-ND	1,000	270.96
250	230	1.44	0.8	1.8	1.0	9.50	20	2.4	1.1	SOT-23-6	ZVN4525E6CT-ND	.83	.73	ZVN4525E6TR-ND	3,000	275.92/M
	240	1.44	0.8	1.8	1.0	9.50	20	2.4	2.1	SOT-89	ZVN4525ZCT-ND	.80	.70	ZVN4525ZTR-ND	1,000	290.79
	310	1.44	0.8	1.8	1.0	9.0	310	4.5	2.0	SOT-223	ZVN4525GCT-ND	.83	.73	ZVN4525GTR-ND	1,000	304.00
	140	0.6	1.0	3.0	1.0	50	100	10	2.0	SOT-223	ZXMN0545G4CT-ND	.99	.89	ZXMN0545G4TR-ND	1,000	390.75
450	140	0.6	1.0	3.0	1.0	50	0.10	10	2.0	SOT-223	ZVN0545GCT-ND	.80	.70	ZVN0545GTR-ND	1,000	290.79
P-Channel																
-200	-200	-1.2	-1.5	-3.5	-1.0	25	-150	-10	2.0	SOT-223	ZVP2120GCT-ND	.65	.57	ZVP2120GTR-ND	1,000	237.92
	-200	-1.2	-1.5	-3.5	-1.0	25	-150	-10	2.0	SOT-223	ZXMP2120G4CT-ND	.83	.75	ZXMP2120G4TR-ND	1,000	327.14
	-137	-0.8	-1.5	-3.5	-0.25	28	-150	-10	1.0	SOT23F-3	ZXMP2120FFCT-ND	.58	.51	ZXMP2120FFTR-ND	3,000	191.66/M
	-122	-1.2	-1.5	-3.5	-1.0	28	-150	-10	0.75	SOT-23-5	ZXMP2120E5CT-ND	.77	.67	ZXMP2120E5TR-ND	3,000	252.79/M
	-120	-1.2	-1.5	-3.5	-1.0	25	-150	-10	0.7	T092-3	ZVP2120ASTB-ND§	.76	.66	ZVP2120ASTB-ND§	2,000	291.45/M
-240	-480	-1.0	-0.7	-2.0	-1.0	11	-100	-3.5	2.5	SOT-223	ZVP4424GCT-ND	.99	.89	ZVP4424GTR-ND	1,000	390.75
-250	-197	-1.0	-0.8	-2.0	-0.25	18	-100	-3.5	1.1	SOT-23-6	ZVP4525E6CT-ND	.83	.73	ZVP4525E6TR-ND	3,000	275.92/M
	-265	-1.0	-0.8	-2.0	-1.0	18	-10	-3.5	2.0	SOT-223	ZVP4525GCT-ND	.64	.55	ZVP4525GTR-ND	1,000	231.31
-205	-1.0	-0.8	-2.0	-1.0	18	-100	-3.5	2.1	SOT-89	ZVP4525ZCT-ND	.83	.73	ZVP4525ZTR-ND	1,000	304.00	
-450	-75	-0.4	-1.5	-4.5	1.0	150	0.05	-10	2.0	SOT-223	ZVP0545GCT-ND	.79	.71	ZVP0545GTR-ND	1,000	312.27



Avalanche



BVDS (V)	ID (mA)	IDM (A)	VGS (th) @ ID (mA)		RDS (on) ID (mA)		VGS (V)	PD (W)	Packaging Type	Digi-Key Part No.	Loose Piece Price Each				
			Min.	Max.	Max. @	Max. @					1	10	100	1,000	
N-Channel															
60	600	8	1.3	3	1	1.5	500	5	0.7	T092-3	ZVN4206AV-ND	.63	.55	.43	.26
	1100	20	1.3	3	1	0.45	1500	5	1.1	T092-3	ZVN4306AV-ND	1.32	1.17	.93	.57



BVDS (V)	ID (mA)	IDM (A)	VGS (th) @ ID (mA)		RDS (on) ID (mA)		VGS (V)	PD (W)	Packaging Type	Digi-Key Part No.	Cut Tape Price Each		Digi-Key Part No.	Tape and Reel		
			Min.	Max.	Max. @	Max. @					1	10		Qty.	Pricing	
N-Channel																
60	1000	8.0	1.3	3.0	1.0	1.0	1.5	10	2.0	SOT-223	ZVN4206GVCT-ND	.86	.77	ZVN4206GVTR-ND	1,000	339.53
	2100	20	1.3	3.0	1.0	0.33	3.0	10	3.0	SOT-223	ZVN4306GVCT-ND	1.45	1.25	ZVN4306GVTR-ND	1,000	603.88
200	60	1	1	3	1	25	100	10	300	SOT-23	ZVN3320FCT-ND	.43	.35	ZVN3320FTR-ND	3,000	121.44/M

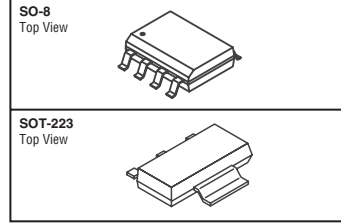
◆ RoHS Compliant § Tape and Box

Voltage Supply Monitors



Typical Vcc (V)	Threshold Voltage (V)	Typical Hysteresis (mV)	Maximum Output Sink Current (mA)	Input Voltage Range (V)	Maximum Quiescent Current (µA)	Packaging Type	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel	
								1	10	100		Qty.	Pricing
3	2.63	20	60	1 - 6.5	200	SO-8	ZSM300N8CT-ND	2.49	1.88	1.13	ZSM300N8TR-ND	500	437.17
	2.68	20	60	1 - 10	190	SOT-223	ZM331643GCT-ND	1.07	.96	.77	—	—	—
3.3	3.1	20	50	-1 - 10	180	SO-8	ZSH330N8CT-ND	2.61	1.96	1.18	ZSH330N8TR-ND	500	457.12
5	4.6	20	50	-1 - 10	180	SO-8	ZSH560N8CT-ND	2.61	1.96	1.18	ZSH560N8TR-ND	500	457.12

◆ RoHS Compliant



Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

Free shipping on orders over €65! All prices in euro and include duties. (EU2011-EN) 1215