

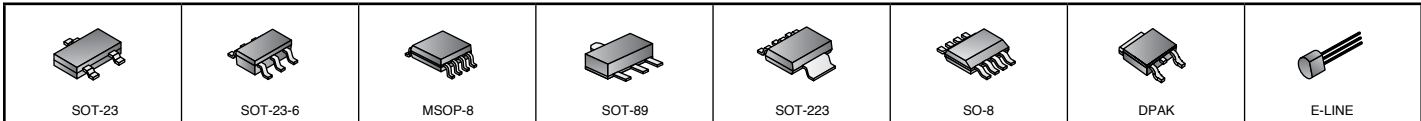
N-Channel MOSFETs



A Product Line of Diodes Incorporated



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MOSFETS

Diodes Inc.

N-CHANNEL ENHANCEMENT MODE MOSFETS

MOUSER STOCK NO.	Zetex Part No.	Package	BV _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(on)} Max (Ω) @		C _{ISS} typ(pF) @ V _{DS} =10V	Q _G typ(nC) @ V _{GS} =4.5V	Price Each					
						V _{GS} =2.5V				V _{GS} =4.5V		1	10	100	500
						11	15			0.24 @ 2.7V	0.18	170	2.6	.66	.52
522-DMN2028USS-13	DMN2028USS-13	SO-8	20	9.8	2.8	11	15	1000	11.6	.72	.57	.429	.318		
522-ZXM61N02FTA	ZXM61N02FTA	SOT-23	20	1.7	0.8	0.24 @ 2.7V	0.18	170	2.6	.66	.52	.342	.294		
522-ZXMN2A01FTA	ZXMN2A01FTA	SOT-23	20	2	0.8	0.225	0.12	310	3	.55	.44	.285	.245		
522-ZXMN2A01E6TA	ZXMN2A01E6TA	SOT-23-6	20	3	1.7	0.3	0.12	299	3.1	.80	.63	.413	.355		
522-ZXMN2A14FTA	ZXMN2A14FTA	SOT-23	20	3.3	1.1	0.11	0.06	613	6.4	.69	.55	.337	.262		
522-ZXMN2F34FHTA	ZXMN2F34FHTA	SOT-23	20	4	1.4	0.12	0.06	277	2.8	.55	.43	.247	.205		
522-ZXMN2A03E6TA	ZXMN2A03E6TA	SOT-23-6	20	4.5	1.7	0.1	0.055	823	8.6	.92	.79	.546	.462		
522-ZXMN2F30FHTA	ZXMN2F30FHTA	SOT-23	20	4.9	1.4	0.065	0.045	452	4.8	.60	.47	.269	.224		
522-ZXMN2F34MATA	ZXMN2F34MATA	DFN322	20	5.1	2.2	0.12	0.06	277	2.8	.58	.46	.302	.259		
522-ZXM64N02XTA	ZXM64N02XTA	MSOP-8	20	5.4	1.8	0.050 @ 2.7V	0.04	1100	12.5	1.52	1.35	.937	.837		
522-ZVN4525E6TA	ZVN4525E6TA	SOT-23-6	250	0.23	1.1	9.5 @ 2.4V	8.5	72	2.5	1.01	.87	.598	.506		
522-ZVN4525ZTA	ZVN4525ZTA	SOT-89	250	0.24	1.2	9.5 @ 2.4V	8.5	72	2.5	.97	.83	.572	.484		
522-ZVN4525GTA	ZVN4525GTA	SOT-223	250	0.31	2	9.5 @ 2.4V	8.5	72	2.5	1.01	.87	.598	.506		
522-ZXM61N03FTA	ZXM61N03FTA	SOT-23	30	1.4	0.8	0.3	0.22	160	3.2	.66	.52	.342	.294		
522-ZXMN3A01FTA	ZXMN3A01FTA	SOT-23	30	2	0.8	0.18	0.12	190	3.9	.55	.44	.285	.245		
522-ZXMN3A14FTA	ZXMN3A14FTA	SOT-23	30	3.5	1	0.095	0.065	450	8.7	.66	.57	.39	.315		
522-ZXMN3F30FHTA	ZXMN3F30FHTA	SOT-23	30	4.6	1.4	0.065	0.047	-	9.1	.60	.47	.269	.224		
522-ZXM62N03GTA	ZXM62N03GTA	SOT-223	30	4.7	3.9	0.15	0.11	380	9.6	.92	.79	.546	.441		
522-ZXMN3G32DN8TA	ZXMN3G32DN8TA	SOT-23	30	7.1	2.1	0.045	0.028	-	10.5	.97	.83	.572	.44		
522-ZXMN3F31DN8TA	ZXMN3F31DN8TA	SOT-23	30	7.3	2.1	0.039	0.024	-	12.9	.97	.83	.572	.44		
522-ZXMN3A02N8TA	ZXMN3A02N8TA	SO-8	30	9	2.5	0.035	0.025	1400	26.8	2.21	1.64	1.11	.861		
522-ZXMN3B04N8TA	ZXMN3B04N8TA	SO-8	30	9.1	2.5	0.025	-----	2480	23.1	1.25	1.12	.775	.627		
522-ZXMN4A06GTA	ZXMN4A06GTA	SOT-223	40	7	3.9	0.075	0.05	810	18.2	.92	.79	.546	.462		
522-DMN4034SSD-13	DMN4034SSD-13	SOP-8L	40	4.8	1.25	-----	0.059	453 @ 20V	10	.97	.83	.572	.469		
522-DMN4027SSD-13	DMN4027SSD-13	SOP-8L	40	5.4	1.25	-----	0.047	604 @ 20V	6.3	.97	.83	.572	.469		
522-DMN4034SSS-13	DMN4034SSS-13	SOP-8L	40	5.4	1.56	-----	0.059	453 @ 20V	10	.79	.68	.468	.378		
522-DMN4027SSS-13	DMN4027SSS-13	SOP-8L	40	6	1.56	-----	0.047	640 @ 20V	6.3	.79	.68	.468	.378		
522-ZXMN6A07FTA	ZXMN6A07FTA	SOT-23	60	1	0.8	0.45	0.3	166	3.2	.66	.52	.342	.294		
522-ZXMN6A08E6TA	ZXMN6A08E6TA	SOT-23-6	60	3.1	1.7	0.18	0.1	459	5.8	.92	.79	.546	.462		
522-DMN6066SSD-13	DMN6066SSD-13	SOP-8L	60	3.3	1.25	-----	0.097	502 @ 30V	10.3	1.06	.91	.624	.516		
522-DMN6066SSS-13	DMN6066SSS-13	SOP-8L	60	3.7	1.56	-----	0.097	502 @ 30V	10.3	.88	.76	.52	.44		
522-ZXMN6A11GTA	ZXMN6A11GTA	SOT-223	60	3.8	3.9	0.25	0.14	330	5.7	.79	.68	.465	.393		
522-ZXMN6A09GTA	ZXMN6A09GTA	SOT-223	60	7.5	2	0.04	0.06	59	12.4	1.31	1.17	.81	.724		
522-ZXMN10A08E6TA	ZXMN10A08E6TA	SOT-23-6	100	1.5	1.7	0.3	0.25	405	7.7	.69	.55	.359	.308		
522-ZXMN10A11GTA	ZXMN10A11GTA	SOT-223	100	1.9	3.9	0.45	0.35	274	5.4	.81	.70	.481	.407		

N-CHANNEL ENHANCEMENT MODE VERTICAL DMOS FETS

MOUSER STOCK NO.	Zetex Part No.	Package	BV _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(on)} Max (Ω) @ V _{GS} (V _{GS} =2.5 ~ 10V)							C _{ISS} typ(pF) @ V _{DS}	Q _G typ(nC) @ V _{GS} =10V	Price Each			
						2.5V	2.6V	3V	4.5V	5V	6V	10V			1	10	100	500
						522-ZVN3320FTA	ZVN3320FTA	SOT-23	200	0.06	0.33	-----			-----	-----	-----	-----
522-BS107P	BS107P	E-Line	200	0.12	0.5	-----	23	-----	30	-----	-----	-----	58 @ 50V	.91	.79	.533	.454	
522-ZVNL120A	ZVNL120A	E-Line	200	0.18	0.7	-----	-----	10	-----	10	-----	-----	58 @ 50V	.78	.68	.458	.39	
522-ZVN2120GTA	ZVN2120GTA	SOT-223	200	0.32	2	-----	-----	-----	-----	-----	-----	10	58 @ 50V	.95	.85	.675	.52	
522-ZVN0124A	ZVN0124A	E-Line	240	0.16	0.7	-----	-----	-----	-----	-----	-----	16	62 @ 50V	1.4	.72	.63	.423	.36
522-ZVN4424A	ZVN4424A	E-Line	240	0.26	0.75	6	-----	-----	-----	-----	-----	5.5	100 @ 50V	18	1.12	.99	.69	.609
522-ZVN4424ZTA	ZVN4424ZTA	SOT-89	240	0.26	0.75	6	-----	-----	-----	-----	-----	5.5	100 @ 50V	18	.90	.77	.533	.451
522-ZVN4424GTA	ZVN4424GTA	SOT-223	240	0.5	2.5	6	-----	-----	-----	-----	-----	5.5	100 @ 50V	18	1.20	1.07	.74	.661
522-ZVN0545A	ZVN0545A	E-Line	450	0.09	0.7	-----	-----	-----	-----	-----	-----	50	55 @ 50V	-----	1.63	1.47	1.05	.922
522-ZVN0545GTA	ZVN0545GTA	SOT-223	450	0.14	2	-----	-----	-----	-----	-----	-----	50	55 @ 50V	-----	.97	.83	.572	.462
522-BSS138TA	BSS138TA	SOT-23	50	0.2	0.36	-----	-----	-----	-----	3.5	-----	-----	35 @ 30V	-----	.58	.41	.198	.159
522-2N7002TA	2N7002TA	SOT-23	60	0.115	0.33	-----	-----	-----	-----	-----	3.75	-----	27 @ 30V	1	.62	.44	.264	.149
522-ZVN3306FTA	ZVN3306FTA	SOT-23	60	0.15	0.33	-----	-----	-----	-----	-----	-----	5	30 @ 30V	0.95	.68	.58	.403	.325
522-ZVN4106FTA	ZVN4106FTA	SOT-23	60	0.2	0.33	-----	-----	-----	-----	5	-----	2.5	27 @ 30V	1	.75	.64	.442	.357
522-ZVN3306A	ZVN3306A	E-Line	60	0.27	0.625	-----	-----	-----	-----	-----	-----	5	30 @ 30V	0.95	.78	.68	.458	.39
522-VN10LP	VN10LP	E-Line	60	0.27	0.625	-----	-----	-----	-----	7.5	-----	5	30 @ 30V	0.95	.68	.59	.399	.34
522-BS170FTA	BS170FTA	SOT-23	60	0.15	0.33	-----	-----	-----	-----	-----	-----	5	60 @ 30V	-----	1.02	.76	.46	.39
522-BS170P	BS170P	E-Line	60	0.27	0.625	-----	-----	-----	-----	-----	-----	5	60 @ 30V	-----	1.21	.90	.606	.525
522-ZVN2106A	ZVN2106A	E-Line	60	0.45	0.7	-----	-----	-----	-----	-----	-----	2	50 @ 30V	1.6	.72	.63	.423	.36
522-ZVN4206A	ZVN4206A	E-Line	60	0.6	0.7	-----	-----	-----	-----	1.5	-----	1	70 @ 30V	2.4	.76	.66	.446	.38
522-ZVN2106GTA	ZVN2106GTA	SOT-223	60	0.71	2	-----	-----	-----	-----	-----	-----	2	50 @ 30V	1.6	.97	.83	.572	.462
522-ZVN4206GTA	ZVN4206GTA	SOT-223	60	1	2	-----	-----	-----	-----	1.5	-----	1	70 @ 30V	2.4	1.03	.91	.634	.567
522-ZVN4306A	ZVN4306A	E-Line	60	1.1	1.1	-----	-----	-----	-----	0.45	-----	0.33	220 @ 30V	5.2	1.60	1.41	.98	.866
522-ZVN4306AV	ZVN4306AV	E-Line	60	1.1	1.1	-----	-----	-----	-----	0.45	-----	0.33	220 @ 30V	5.2	1.60	1.41	.98	.866
522-ZVN4306GTA	ZVN4306GTA	SOT-223	60	2.1	3	-----	-----	-----	-----	0.45	-----	0.33	220 @ 30V	5.2	1.52	1.36	.94	.84
522-ZVN4306GVTA	ZVN4306GVTA	SOT-223	60	2.1	3	-----	-----	-----	-----	0.45	-----	0.33	220 @ 30V	5.2	1.76	1.51	1.10	.957
522-ZVN3310FTA	ZVN3310FTA	SOT-23	100	0.1	0.33	-----	-----	-----	-----	-----	-----	10	25 @ 50V	0.7	.68	.58	.403	.325
522-ZVNL110A	ZVNL110A	E-Line	100	0.12	0.7	-----	-----	-----	-----	-----	-----	3	75 @ 50V	-----	.78	.68	.458	.39
522-BSS123TA	BSS123TA	SOT-23	100	0.17	0.36	-----	-----	-----	-----	-----	-----	6	25 @ 50V	0.7	.58	.41	.198	.159
522-ZVN3310A	ZVN3310A	E-Line	100	0.2	0.625	-----	-----	-----	-----	-----	-----	10	25 @ 50V	0.7	.78	.68	.458	.39
522-ZVN2110A	ZVN2110A	E-Line	100	0.32	0.7	-----	-----	-----	-----	-----	-----	4	60 @ 50V	1.8	.72	.63	.423	.36
522-ZVN4210A	ZVN4210A	E-Line	100	0.45	0.7	-----	-----	-----	-----	1.8	-----	1.5	65 @ 50V	2.7	.84	.73	.493	.42
522-ZVN2110GTA	ZVN2110GTA	SOT-223	100	0.5	0.2	-----	-----	-----	-----	-----	-----	4	60 @ 50V	1.8	.95	.85	.587	.525
522-ZVNL110GTA	ZVNL110GTA	SOT-223	100	0.6	2	-----	-----	-----	-----	4.5	-----	3	60 @ 50V	1.8	1.03	.91	.634	.567
522-ZXMN10A07FTA	ZXMN10A07FTA	SOT-23	100	0.64	0.8	-----	-----	-----	-----	-----	0.9	0.7	138 @ 50V	2.5	1.50	.39	.256	.22
522-ZVN4210GTA	ZVN4210GTA	SOT-223	100	0.8	2	-----	-----	-----	-----	1.8	-----	1.5	65 @ 50V	2.7	1.03	.91	.634	.567
522-ZVN4310A	ZVN4310A	E-Line	100	0.9	1.1	-----	-----	-----	-----	0.65	-----	0.5	200 @ 50V	6	1.60	1.41	.98	.866
522-ZVN4310GTA	ZVN4310GTA	SOT-223	100	1.67	3	-----	-----	-----	-----	0.75	-----	0.54	200 @ 50V	6	1.74	1.55	1.07	.961

LOW-SIDE INTELLIFET™ MOSFET SWITCH

MOUSER STOCK NO.	Zetex Part No.	Package	BV _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(on)} Max (Ω) @		C _{ISS} typ(pF) @ V _{DS} =10V	Q _G typ(nC) @ V _{GS} =4.5V	Price Each					
						V _{GS} =2.5V				V _{GS} =4.5V		1	10	100	500
						5									