

# 80 - 100 Volt MOSFETs

A series of mid-voltage MOSFETs containing small signal products for low current switching applications and trench MOSFETs. The trench MOSFETs enable much higher current handling capability in the packages on offer.

Typical applications include:-

- Motor control
- Relay driving
- Audio output stages
- Low and high side switching

## N-Channel

Part Number	Package	Polarity	BV <sub>DSS</sub>	I <sub>D</sub>	P <sub>D</sub>	R <sub>DS(on)</sub> Max @		C <sub>iss</sub> (typ) @ V <sub>DS</sub> = 50V pF	Q <sub>g</sub> (typ) @ V <sub>GS</sub> = 10V nC
						V <sub>GS</sub> = 6V Ω	V <sub>GS</sub> = 10V Ω		
			V	A	W				
ZXMN10A11G (1)	SOT223	N	100	1.9	3.9	0.7	0.6	270	5
ZVN4310G	SOT223	N	100	1.67	3	0.75 @ 5V	0.54	200	6
ZXMN10A08E6 (1)	SOT23-6	N	100	1.5	1.7	0.6	0.4	405	7.4
ZVN4310A	E-Line	N	100	0.9	1.1	0.65 @ 5V	0.5	200	6
ZVN4210G	SOT223	N	100	0.8	2	1.8 @ 5V	1.5	65	2.7
ZXMN10A07Z (1)	SOT89	N	100	0.7	1	1.1	1	133	2.5
ZXMN10A07F (1)	SOT23	N	100	0.65	0.8	1.1	1	133	2.5
ZVNL110G	SOT223	N	100	0.6	2	4.5 @ 5V	3	60	1.8
ZVN2110G	SOT223	N	100	0.5	2	-	4	60	1.8
ZVN4210A	E-Line	N	100	0.45	0.7	1.8 @ 5V	1.5	65	2.7
ZVNL110A	E-Line	N	100	0.32	0.7	4.5 @ 5V	3	60	1.8
ZVN2110A	E-Line	N	100	0.32	0.7	-	4	60	1.8
ZVN3310A	E-Line	N	100	0.2	0.625	-	10	25	0.7
BSS123A	SOT23	N	100	0.17	0.36	10 @ 4.5V	6	40	1.2
BSS123	SOT23	N	100	0.17	0.36	-	6	25	0.7
ZXM41N10F	SOT23	N	100	0.17	0.36	12	8	25	1.2
ZVN3310F	SOT23	N	100	0.1	0.33	-	10	25	0.7
ZVN1409A	E-Line	N	90	0.01	0.625	-	250	2.5	0.2

## P-Channel

Part Number	Package	Polarity	BV <sub>DSS</sub>	I <sub>D</sub>	P <sub>D</sub>	R <sub>DS(on)</sub> Max @		C <sub>iss</sub> (typ) @ V <sub>DS</sub> = 50V pF	Q <sub>g</sub> (typ) @ V <sub>GS</sub> = 10V nC
						V <sub>GS</sub> = 6V Ω	V <sub>GS</sub> = 10V Ω		
			V	A	W				
ZXMP10A22G (2)	SOT223	P	-100	-3.0	3.9	0.29	0.26	920	24
ZXMP10A08G (2)	SOT223	P	-100	-2.1	3.9	0.576	0.513	425	11
ZXMP10A11G (2)	SOT223	P	-100	-1.7	3.9	0.9	0.8	270	7
ZVP2110G	SOT223	P	-100	-0.310	2	-	8	58	1.8
ZVP2110A	E-Line	P	-100	-0.230	0.7	-	8	58	1.8
ZVP3310A	E-Line	P	-100	-0.140	0.625	-	20	20	0.7
ZVP3310F	SOT23	P	-100	-0.075	0.33	-	20	20	0.7

Notes: (1) - Provisional data (2) - Advanced information (samples Q202)

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