

150 - 450 Volt MOSFETs

A series of high voltage MOSFETs for low current switching applications.

Typical applications include:-

- Off-line switching
- Telephone line switching
- Hook switches

N-Channel

Part Number	Package	Polarity	BV _{DSS} V	I _D A	P _D W	R _{DS(on)} Max @		C _{iss} (typ) @ V _{DS} = 50V pF	Q _g (typ) @ V _{GS} = 10V nC
						V _{GS} = 2.5V Ω	V _{GS} = 10V Ω		
ZVNL120G	SOT223	N	200	0.32	2	10 @ 3V	10 @ 5V	58	2.2
ZVN2120G	SOT223	N	200	0.32	2	-	10	58	2.2
ZVNL120A	E-Line	N	200	0.18	0.7	10 @ 3V	10 @ 5V	58	2.2
ZVN2120A	E-Line	N	200	0.18	0.7	-	10	58	2.2
BS107P	E-Line	N	200	0.12	0.5	23 @ 2.6V	30 @ 5V	58	2.7
ZVN3320A	E-Line	N	200	0.1	0.625	-	25	-	-
ZVN4424G	SOT223	N	240	0.5	2.5	6	5.5	100	18
ZVN4525G	SOT223	N	250	0.31	2	9.5 @ 2.4V	8.5	72	2.5
ZVN4424Z	SOT89	N	240	0.26	0.75	6	5.5	100	18
ZVN4424A	E-Line	N	240	0.26	0.75	6	5.5	100	18
ZVN4525Z	SOT89	N	250	0.24	1.2	9.5 @ 2.4V	8.5	72	2.5
ZVN4525E6	SOT23-6	N	250	0.23	1.1	9.5 @ 2.4V	8.5	72	2.5
ZVN0124A	E-Line	N	240	0.16	0.7	-	16	62	1.4
ZVN0545G	SOT223	N	450	0.14	2	-	50	55	-
ZVNL535A	E-Line	N	350	0.09	0.7	40 @ 3V	40 @ 5V	45	1.6
ZVN2535A	E-Line	N	350	0.09	0.7	-	35	45	1.6
ZVN0540A	E-Line	N	400	0.09	0.7	-	50	55	-
ZVN0545A	E-Line	N	450	0.09	0.7	-	50	55	-
ZVN3320F	SOT23	N	200	0.06	0.33	-	25	-	-

P-Channel

Part Number	Package	Polarity	BV _{DSS} V	I _D A	P _D W	R _{DS(on)} Max @		C _{iss} (typ) @ V _{DS} = -50V pF	Q _g (typ) @ V _{GS} = -10V nC
						V _{GS} = -3.5V Ω	V _{GS} = -10V Ω		
ZVP4424G	SOT223	P	-240	-0.480	2.5	11	9	100	3.7
ZVP2120G	SOT223	P	-200	-0.300	2	-	25	65	1.6
ZVP4525G	SOT223	P	-250	-0.265	2	18	14	75	2.5
ZVP4525Z	SOT89	P	-250	-0.205	1.2	18	14	75	2.5
ZVP4424Z	SOT89	P	-240	-0.200	1	11	9	100	3.7
ZVP4424A	E-Line	P	-240	-0.200	0.75	11	9	100	3.7
ZVP4525E6	SOT23-6	P	-250	-0.197	1.1	18	14	75	2.5
ZVP2120A	E-Line	P	-200	-0.120	0.7	-	25	65	1.6
ZVP0120A	E-Line	P	-200	-0.110	0.7	-	32	65	1.6
ZVP0545G	SOT223	P	-450	-0.075	2	-	150	-	-
ZVP1320A	E-Line	P	-200	-0.070	0.625	-	80	28	2
ZVP0535A	E-Line	P	-350	-0.050	0.7	-	100	40	1.5
ZVP0540A	E-Line	P	-400	-0.045	0.7	-	150	-	-
ZVP0545A	E-Line	P	-450	-0.045	0.7	-	150	-	-
ZVP1320F	SOT23	P	-200	-0.035	0.33	-	80	28	2

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