

Example circuit using MSV34060 model

```
.DC V1 .2 .6 .1
.PRINT DC V(2)
V1 1 0 0
R1 1 2 1000
D1 2 0 MSV

.MODEL MSV D (IS=1.0E-12 N=1.65 CJO=0.838E-12 VJ=0.6 M=0.45 XTI=3.0 EG=1.12
+ TT=10.0E-9 BV=30.0 IBV=10.0E-6 RS=1.7)

.END
```

Part Series	BV V
MSV34	30
MSV38	45
MVS40	60

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Part Number	Cj0 min pF	Cj0 max pF
MSV34,060 MSV38,060 MSV40,060	0.67	1.01
MSV34,064 MSV38,064 MSV40,064	1.01	1.51
MSV34,067 MSV38,067 MSV40,067	1.34	2.02
MSV34,069 MSV38,069 MSV40,069	1.68	2.52
MSV34,075 MSV38,075 MSV40,075	3.02	4.54
MSV34,082 MSV38,082 MSV40,082	6.31	9.47
MSV34,087 MSV38,087 MSV40,087	9.74	14.62
MSV34,092 MSV38,092 MSV40,092	16.46	24.70

Part Number	Cj0 min pF	Cj0 max pF
SMTV3001 SMTD3001	1.68	2.52
SMTV3002 SMTD3002	3.36	5.04
SMTV3004 SMTD3004	6.72	10.08
SMTV3006 SMTD3006	10.08	15.12
SMTV3008 SMTD3008	13.44	20.16
SMTV3010 SMTD3010	16.8	25.2