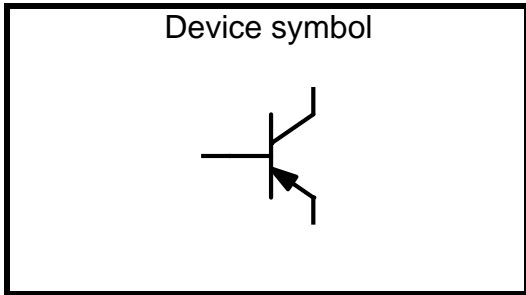


<b>Reference</b>	<b>Spice Parameter</b>	<b>DSA7102</b>	
		Total pages	page
		1	1

Product name: DSA7102

Product type: Small Signal  
Bipolar Transistor (PNP)



**Parameters**

```

*$
.MODEL DSA7102 PNP
+ IS=285.000E-15
+ BF=165.62
+ NF=1
+ VAF=34
+ IKF=4.6
+ ISE=1.72000E-15
+ NE=1.2832
+ BR=30.8130
+ NR=1
+ VAR=5.9000
+ IKR=100.010E-3
+ ISC=394.50E-15
+ NC=1.1464
+ NK=1
+ RE=0.15
+ RB=0.075
+ RC=0.45
+ CJE=107.02E-12
+ VJE=.87293
+ MJE=.44464
+ CJC=30.032E-12
+ VJC=0.42134
+ MJC=0.26843
+ FC=0.8
+ TF=1.0412E-9
+ XTF=2.2909
+ VTF=2.2796E3
+ ITF=1.7986
+ TR=10.000E-9
*$

```

Caution : Applicable at 25 degree celsius only.

2010.06.21		
Prepared	Revised	