

Library

Tina

Model

Hybrid-P

Type

BCY58VIII
 BCY58X
 BCY59IX
 BCY59VII
 BCY59VIII
 BCY59X
 BCY65-IX
 BCY65-VII
 BCY65-VIII
 BF198
BF199
 BF240
 BF241
 BF370
 BF420
 BF422
 BF483
 BF485
 BF487
 BF494
 BF494B
 BF495
 BF496
 BFR54
 BFX84
 BFX85
 BFX50
 BFX51
 BFX52
 BFX55
 BSX20
 BSX45-10
 BSX45-16
 BSX46-10
 BSX46-16
 BSX47-10
 JC5000
 JC500P
 JC500Q
 JC500R
 JC5010
 JC501P
 JC501Q

Tolerance Model

☒ None☐ General

Model Parameters

Usage: RF NPN

Forward beta	[-]	38
Reverse beta	[-]	1
Saturation current	[A]	6.688E-16
Base resistance	[Ohm]	10
Collector resistance	[Ohm]	0
CJC0	[F]	4.815p
VJC	[V]	750m
MJC	[-]	330m
TAU reverse	[s]	10n
CJE0	[F]	132.4p
VJE	[V]	750m
MJE	[-]	330m
TAU forward	[s]	289.4p
Energy gap	[eV]	1.11
Early voltage	[V]	100
Beta tempco.	[1/C]	2m
Flicker noise exp.	[-]	0
Flicker noise coeff.	[-]	1



OK



Cancel



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