

BFP67

NPN Bipolar Silicon RF Transistor in plastic package SOT143

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Attribute		Value	UOM
Configuration		NPN	
Function		RF	
Package		SOT143	
$V_{CE0\ max}$		10	V
$V_{CBO\ max}$		20	V
$V_{EBO\ max}$		2.5	V
$I_{C\ max}$		50	mA
$P_{tot\ max}$		200	mW
DC current gain	min	65	
	@ I_E	15	mA
	@ V_{CE}	5	V
Transition frequency	typ	7.5	GHz
	@ I_E	15	mA
	@ V_{CE}	8	V
	@ f	300	MHz
Power gain	$G_P\ typ$	18	dB
	@ I_E	15	mA
	@ V_{CE}	8	V
	@ f	800	MHz
Noise figure	F_{typ}	1.5	dB
	@ I_E	15	mA
	@ V_{CE}	8	V
	@ f	800	MHz