

## DISCRETE SEMICONDUCTORS

### RF power transistors

## RF & MICROWAVE SEMICONDUCTORS & MODULES

### SHF 900 MHz BIPOLAR TRANSISTORS

type number	load power @ 900 MHz (W)	power gain @ 900 MHz (dB)	supply voltage (V)	package
<b>Class AB 3.6 - 6 V portable analog cellular</b>				
BLT61	1.2	10. (typ)	3.6	SOT96
BLT70	0.8	6	4.8	SOT223
BLT71	1.2	6	4.8	SOT223
<b>Class A 3.6 - 6 V portable analog cellular</b>				
BLT80	0.8	6	6	SOT223
BLT81	1.2	6	6	SOT223
<b>Class AB 4.8 - 6 V portable digital cellular</b>				
BLT82	3.5 pulsed	9. (typ)	6	SOT96
BLT72	3.0 pulsed	9. (typ)	4.8	SOT96
<b>Class B 7.5 - 9.6 V portable mobile</b>				
BFR90A	0.075	7.5	7.5	SOT37
BFR91A	0.16	7	7.5	SOT37
BLT80	0.8	6	7.5	SOT223
BLV90	0.75	7	9.6	SOT172
BLT81	1.2	6	7.5	SOT223
BLV91/SL	1.5	6.6	9.6	SOT172D
BLV92	3	7.3	9.6	SOT171
BLT91/SL	1.5	7.5	7.5	SOT172D
BLT92/SL	3	7	7.5	SOT122D
BLT93/SL	6	5.5	7.5	SOT122D
<b>Class B 12.5 V car mobile</b>				
BLU86	1	7	12.5	SOT223
BLV90	1	7.5	12.5	SOT172
BLV91/SL	2	6.5	12.5	SOT172D
BLU99	4	7	12.5	SOT122
BLU99/SL	4	7	12.5	SOT122D
BLV92	4	7.5	12.5	SOT171
BLV93	8	6.5	12.5	SOT171
BLV193	12	6.5	12.5	SOT171
BLV194	16	6.0	12.5	SOT171
BLV95	22	5.5	12.5	SOT171