

**RF & MICROWAVE
SEMICONDUCTORS & MODULES**
**DISCRETE SEMICONDUCTORS
RF power transistors**
TV TRANSPOSERS/TRANSMITTER TRANSISTORS

type number	output power P_o sync (W)	d_{im} (dB)	output power (W) $P_o - 1dB$	power gain @ 860 MHz (dB)	supply voltage (V)	package
Class A Bands I (41 - 68 MHz) & III (174 - 230 MHz)						
BLV30	1.5	-60	-	18	25	SOT122
BLV31	5	-58	-	15	25	SOT122
BLV32F	10	-55	-	16	25	SOT160
BLV33F	16	-55	-	13.5	25	SOT119
BLV33	19	-55	-	9	25	SOT147

Class AB Bands I (41 - 68 MHz) & III (174 - 230 MHz)

BLV30	-	-	10	15	28	SOT122
BLV31	-	-	20	12	28	SOT122
BLV32F	-	-	30	13	28	SOT160
BLV33F	-	-	85	10.5	28	SOT119
BLV33	-	-	90	6.5	28	SOT147
BLV36	-	-	115	11	28	SOT161

Class A Bands IV & V 470 - 860 MHz

BFR96S	0.12	-60	-	10	25	SOT37
BFQ34	0.3	-60	-	11	25	SOT122
BLW32	0.5	-60	-	11	25	SOT122
BLX96	0.5	-60	-	6	25	SOT48
BFQ68	0.7	-60	-	10	25	SOT122
BLW33	1	-60	-	10	25	SOT122
BLX97	1	-60	-	5.5	25	SOT48
BLW34	1.8	-60	-	9	25	SOT122
BLW898 ¹⁾	3	-60	-	8.5	25	SOT171
BLW98	3.5	-60	-	6.5	25	SOT122
BLX98	3.5	-60	-	5	25	SOT48/2
BLV57	6	-60	-	8	25	SOT161
BLV859 ¹⁾	20	-51	-	10	25	SOT262
BLV58	25	-45	-	10	25	SOT289

Class AB Bands IV & V 470 - 860 MHz

BLV57	-	-	30	6.5	25	SOT161
BLV59	-	-	30	7	25	SOT171
BLV62	-	-	150	8.5	28	SOT262A2
BLV862 ¹⁾	-	-	150	8.5	28	SOT262

¹⁾ preliminary specification