

**BROADCAST**

**HF, VHF and UHF RF-POWER TRANSISTORS**

Type	f (MHz)	P <sub>L</sub> (W)	V (V)	G <sub>p</sub> (dB)	η (%) (at P <sub>L</sub> )	Application
<b>UHF LDMOS</b>						
BLF861A	470-860	150	32	15	55	TV transmitter
BLF647	0-600	150	32	16	55	Various, eg. Mil. Comms
BLF2045	0-2000	30	26	>10	>30	Various
BLF1822-10	0-2200	10	26	>11	>30	Various
BLF1043	0-960	10	26	>16	>45	Various
<b>UHF VDMOS</b>						
BLF548	500	150	28	11	55	Various, eg. PMR
BLF546	500	80	28	13	60	Various, eg. PMR
BLF544	500 - 960	20	28	14	60	Various, eg. PMR
BLF542	500	5	28	16.5	60	Various, eg. PMR
BLF404	500	4	12.5	11.5	55	Various, eg. PMR
BLF521	500	2	12.5	13	60	Various, eg. PMR
<b>VHF LDMOS</b>						
BLF647	600	150	32	16	55	VHF transmitter
<b>VHF VDMOS</b>						
BLF368	225	300	32	13.5	62	VHF transmitter
BLF278	225	250	50	16	55	VHF transmitter
BLF248	225	300	28	13	67	VHF transmitter
BLF177	28 - 108	150	50	19	70	VHF transmitter
BLF147	28 - 108	150	28	18	70	VHF transmitter
BLF246	108	80	28	18	65	VHF transmitter
BLF246B	175	60	28	19	65	VHF transmitter
BLF346	225	30 *	28	16.5	-	VHF transmitter
BLF245B	175	30	28	18	65	VHF transmitter
BLF245	175	30	28	15.5	65	VHF transmitter
BLF175	28 - 108	30	50	20	65	VHF transmitter
BLF244	175	15	28	17	65	VHF transmitter
BLF242	175	5	28	16	60	VHF transmitter
BLF404	500	4	12.5	11.5	55	VHF transmitter
BLF202	175	2	12.5	13	55	VHF transmitter
<b>HF LDMOS</b>						
BLF647	600	150	32	16	55	HF transmitter
<b>HF VDMOS</b>						
BLF177	28 - 108	150	50	19	70	HF transmitter
BLF175	28 - 108	30	50	20	65	HF transmitter
BLF145	28	30	28	27	40	HF transmitter
BLF242	175	5	28	16	60	HF transmitter
BLF202	175	2	12.5	13	55	HF transmitter