

Cross Reference: Philips LDMOS vs. Cree LDMOS Transistors

Philips Type	Cree Type	Mode of Operation	Voltage (v)	Frequency Band (MHz)	Output Power (W)	Power Gain (dB)	Drain Efficiency η (%)	Package
BLF1043	UPF1010	CW	26	940	10	16	60	440095
BLF3G21-30	UPF1030	CW	26	940	30	14.5	50	440095
BLF3G21-30	UGF09030	2-Tone	26	945	30	17.5	40	440095
BLF1046	UGF09045	2-Tone	28	945	45	17.5	42	440095
	UGF09060	2-Tone	27	945	60	17.5	41	440095
BLF4G10-120	UGF09085	2-Tone	26	880	90	16	46	440171
BLC5G10-160	UGF09180	CW	27	869	180	14.3	53	440138
	UGF09200	CW	28	869-894	200	15	32	440171
	UPF14060	CW	26	1400	60	13.5	42	440171
BLF3G21-30	UGF15030	CW	26	1435-1540	30	14	44	440162
	UPF16060	CW	26	1660	60	13.5	39	440171
	UGF16085	CW	26	1660	85	15	40	440171
BLF2043	UPF2010	CW	26	1805-1880	10	13.5	48	440095
BLF1822-10	UPF2012	CW	26	1840	12	13	47	440095
BLF3G21-30	UGF18030	CW	26	1805-1880	30	13	50	440162
BLF3G21-30	UPF18030-095	CW	26	1805-1880	30	12.5	47	440095
BLC5G20-75	UGF18060	CW	26	1805-1880	60	13	45	440171
BLF4G20-110B	UGF18085	CW	26	1805-1880	85	13	53	
BLF4G20-110B	UGF18090	CW	26	1805-1880	90	13.5	52	
BLF3G21-6	UGF2005	CW	26	1930-1990	5	15	48	440095
BLF3G21-6/BLF2043	UGF2008	CW	26	1930-1990	8	15.5	52	440095
	UGF2016	CW	26	1930-1990	16	13	46	440095
BLF3G21-30	UPF2030	CW	26	1930-1990	30	10	34	440095

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BLF3G21-30	UGF19030	2-Tone	26	1930-1990	30	13.5	36	440162
	UGF19045	N-CDMA	26	1930-1990	45	13.5	23	
BLC5G20-75	UGF19060	2-Tone	26	1930-1990	60	12.5	36	440171
BLF4G20-110B	UGF19085	N-CDMA	26	1930-1990	85	13	23	440171
BLF4G20-110B	UGF19090	2-Tone	26	1930-1990	90	12	35	440174
BLF4G20-130/BLC5G20-140	UGF19125	N-CDMA	26	1930-1990	125	13.6	22	440174
BLF2043/BLF1822-10	UPF21010	2-Tone	28	2110-2170	10	13	33	440095
BLF3G22-30	UGF21030	2-Tone	28	2110-2170	30	12.5	33	440162
BLC5G22-45	UGF21045	W-CDMA	28	2110-2170	45	12.5	23	440162
	UGF21060	2-Tone	28	2110-2170	60	12	35.5	440171
BLC5G22-100	UGF21085	W-CDMA	28	2110-2170	85	12.5	23	
BLC5G22-100	UGF21090	2-Tone	26	2110-2170	90	12.5	33	440174
BLC5G22-130	UGF21125	W-CDMA	28	2110-2170	125	11	32	
	UGF25025	CW	28	2300-2500	25	12	40	440174
	UGF27025	CW	28	2500-2700	25	12	38	



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