

# PHILIPS RF POWER TRANSISTORS

## CROSS REFERENCE LIST PHILIPS vs INFINEON RF POWER TRANSISTORS

INFINEON Type	PHILIPS Type	Package *	TYPICAL PERFORMANCE						IMD (dBc)	Comments
			V (V)	f (MHz)	P <sub>L</sub> (W)	G <sub>p</sub> (dB)	η (%)			
PTF10007	BLF1822-30	SOT467	26	HF - 2200	30	13	40	-30	Same Package ; No Matching	
PTF10009	BLF900-110	SOT502	26	800 - 1000	110	16	50	-30	Int. Matched ; CDMA 25W avg	
PTF10015	BLF1046	SOT467	26	HF - 1000	50	16	60	-30	Same Package in eared version ; No Matching	
PTF10019	BLF0810-90	SOT502	27	800 - 1000	70	16	40	-30	Int. Matched ; CDMA 18W avg	
PTF10020	BLF1049	SOT502	27	800 - 1000	125	16.5	54	-32	Int. Matched	
PTF10021	BLF2045	SOT467	26	HF - 2000	30	12	40	-30	No Matching	
PTF10031	BLF1046	SOT467	26	HF - 1000	50	16	60	-30	Same Package ; No Matching	
PTF10036	BLF900-110	SOT502	26	800 - 1000	110	16	50	-30	Int. Matched ; CDMA 25W avg	
PTF10041	BLF2043	SOT538	26	HF - 2000	12	13	40	-32	Same Package in SMD version ; No Matching	
PTF10043	BLF1822-10	SOT467	26	HF - 2200	12	13.5	40	-28	Same Package ; No Matching	
PTF10045	BLF1822-30	SOT467	26	HF - 2200	30	13	40	-30	Same Package ; No Matching	
PTF10048	BLF2022-30	SOT608	28	2000 - 2200	30	12.5	40	-30	Int. Matched	
PTF10049	BLF861A	SOT540	32	470 - 860	150	14.5	55	-	Int. Matched	
PTF10052	BLF1046	SOT467	26	HF - 1000	50	16	60	-30	Same Package in eared version ; No Matching	
PTF10053	BLF2043	SOT538	26	HF - 2000	12	13	40	-32	Same Package ; No Matching	
PTF10065	BLF1822-30	SOT467	26	HF - 2200	30	13	40	-30	No Matching	
PTF10100	BLF0810-180	SOT502	27	800 - 1000	140	16	40	-30	Int. Matched ; CDMA 35W avg	
PTF10107	BLF2043	SOT538	26	HF - 2200	12	12	40	-32	Same Package ; No Matching	
PTF10111	BLF1822-10	SOT467	26	HF - 2200	12	16	40	-30	Same Package ; No Matching	
PTF10112	BLF1820-70	SOT502	28	1800 - 2000	65	12	40	-30	Same Package ; Int. Matched	
PTF10119	BLF1822-10	SOT467	26	HF - 2200	12	11	40	-30	Same Package ; No Matching	
PTF10120	BLF2022-120	SOT539	28	1800 - 2200	120	11	40	-30	Same Package ; Int. Matched	
PTF10122	BLF2022-70	SOT502	28	2000 - 2200	65	12.5	35	-30	Same Package ; Int. Matched	
PTF10123	BLF1822-10	SOT467	28	HF - 2200	12	11	40	-30	No Matching	
PTF10125	BLL1214-250	SOT502	36	1200 - 1400	100	13	45	-	Int. Matched	
PTF10133	BLF0810-90	SOT502	27	800 - 1000	70	16	40	-30	Same Package ; Int. Matched ; CDMA 18W avg	
PTF10134	BLF2022-90	SOT502	28	2000 - 2200	90	12.5	35	-30	Int. Matched	
PTF10135	BLF1822-10	SOT467	26	HF - 2200	12	13.5	40	-30	No Matching	
PTF10136	BLF1043	SOT538	26	800 - 1000	10	18.5	55	-30	Same Package ; No Matching	
PTF10137	BLF1043	SOT538	26	800 - 1000	10	18.5	55	-30	Same Package ; No Matching	
PTF10138	BLF1046	SOT467	26	HF - 1000	50	16	60	-30	Same Package ; No Matching	
PTF10139	BLF1046	SOT467	26	HF - 1000	50	16	60	-30	Same Package in eared version ; No Matching	
PTF10147	BLF1043	SOT538	26	800 - 1000	10	18.5	55	-30	Same Package ; No Matching	
PTF10149	BLF0810-90	SOT502	27	800 - 1000	70	16	40	-30	Int. Matched ; CDMA 18W avg	
PTF10153	BLF1820-70	SOT502	26	1800 - 2000	65	12	35	-30	Same Package ; Int. Matched	
PTF10154	BLF1820-90	SOT502	26	1800 - 2000	90	12	35	-30	Same Package ; Int. Matched	
PTF10159	BLF861A	SOT540	32	470 - 860	150	14.5	55	-	Same Package ; Int. Matched	
PTF10160	BLF0810-90	SOT502	27	800 - 1000	70	16	40	-30	Int. Matched ; CDMA 18W avg	
PTF10161	BLF0810-180	SOT502	27	800 - 1000	140	16	40	-30	Int. Matched ; CDMA 35W avg	
PTF10162	BLF1822-30	SOT467	26	HF - 2200	30	13	40	-30	Same Package ; No Matching	
PTF10193	BLF1043	SOT538	26	800 - 1000	10	18.5	55	-30	No Matching	
PTF10195	BLF1049	SOT502	27	800 - 1000	125	16.5	54	-32	Same Package ; Int. Matched	
PTF102027	BLF2022-40	SOT608	28	2000 - 2200	40	11	40	-30	Int. Matched	
PTF102028	BLF2022-30	SOT608	28	2000 - 2200	30	12.5	40	-30	Int. Matched	

\* PACKAGES AVAILABLE IN EARED (e.g. SOT502A) OR EARLESS VERSION (e.g. SOT502B)