



# 电子元器件系列

*www.rf-china.com* RF-Micom co.,Ltd

**EMail:sales@rf-china.com**

**Sale Phone:86-592-5713956**



PHILIPS VDMOS Cross-Reference List

Version 1.0  
Date: 2002-08-01



PHILIPS

	Philips Type VDMOS	Motorola Type TMOS		Operation	Supply Voltage (V)	Frequency (MHz)	Power (W)	Gain (dB)	Efficiency (%)	Package	Impedance data Input / Load	Comments	
UHF	BLF548	MRF275G	Philips	Class-B	28	500	150	>10	>50	SOT262A2	Avail.		
		MRF275L	Motorola	Class-AB	28	500	150	>10	>50	375-04, STYLE 2	Avail.		
		MRF177	Motorola	Class-AB	28	400	100	8.8 typ	55 typ	333-04, STYLE 2	Avail.	Different Package	
		MRF176GU	Motorola	Class-AB	28	400	100	12 typ	60 typ	744A-01, STYLE 1	Avail.	Different Package	
		MRF175LU	Motorola	Class-AB	50	400	150	14 typ	50 typ	375-04, STYLE 2	Avail.	Different Supply Voltage	
		MRF175GU	Motorola	Class-AB	28	400	100	10 typ	55 typ	333-04, STYLE 1	Avail.	Different Package	
	BLF546			Philips	Class-B	28	500	80	>11	>50	SOT268A	Avail.	
		MRF166W	Motorola	Class-AB	28	500	40	14, 17 typ	50, 60 typ	412-01, STYLE 1	Avail.		
	BLF544			Philips	Class-B	28	500	20	>11	>50	SOT171A	Avail.	
		MRF166C	Motorola	Class-AB	28	960	20	7 typ	50 typ	319-07, STYLE 3	Avail.		
	BLF542			Philips	Class-B	28	500	5	>13	>50	SOT171A	Avail.	
		MRF160	Motorola	Class-AB	28	500	4	16	55 typ	249-06, STYLE 3	Avail.	Different Package	
	BLF404			Philips	Class-AB	12.5	500	4	>10	>50	SOT409A	Avail.	
	BLF521			Philips	Class-B	12.5	500	2	>10	>50	SOT172D	Avail.	
		MRF158	Motorola	Class-AB	28	500	2	16	55 typ	305A-01, STYLE 2	Avail.	Almost identical package, Different Supply Voltage	
VHF	BLF368		Philips	Class-AB	32	225	300	>12	>55	SOT262A1	Avail.		
		MRF141G	Motorola	Class-AB	28	175	300	12	50	375-04, STYLE 2	Avail.	Different Supply Voltage	
	BLF278			Philips	Class-AB	50	225	250	>14, 16 typ	>50, 55 typ	SOT262A1	Avail.	
					Class-B	50	108	300	>20	>60			
					Class-C	50	108	300	18 typ	80 typ			
		MRF176GV	Motorola	Class-AB	50	225	200	13 typ	55 typ	375-04, STYLE 2	Avail.		
		MRF151G	Motorola	Class-AB	50	175	300	14	50	375-04, STYLE 2	Avail.		
	BLF248			Philips	Class-AB	28	225	300	>10	>55	SOT262A1	Avail.	
		MRF175GV	Motorola	Class-AB	28	225	200	14 typ	65 typ	375-04, STYLE 2	Avail.		
	BLF177			Philips	Class-AB	50	28	150	>20	>35	SOT121B	Avail.	
					Class-B	50	108	150	19 typ	70 typ			
		MRF157	Motorola	Class-AB	50	30	600	21 typ	45 typ	368-03, STYLE 2	Avail.	Different Package	
		MRF154	Motorola	Class-AB	50	30	600	17 typ	45 typ	368-03, STYLE 2	Avail.	Different Package	
		MRF151	Motorola	Class-AB	50	30	150	18	40	211-11, STYLE 2	Avail.	Almost identical package	
		MRF150	Motorola	Class-AB	50	30	150	17 typ	45 typ	211-11, STYLE 2	Avail.	Almost identical package	
BLF147			Philips	Class-AB	28	28	150	>17	>35	SOT121B	Avail.		
				Class-B	28	108	150	14 typ	70 typ				
	MRF174	Motorola	Class-AB	28	150	125	9	50	211-11, STYLE 2	Avail.	Almost identical package		
	MRF173	Motorola	Class-AB	28	150	80	11, 13 typ	55, 60 typ	211-11, STYLE 2	Avail.	Almost identical package		
	MRF173CQ	Motorola	Class-AB	28	150	80	13 typ	65 typ	316-01, STYLE 2	Avail.	Different Package		
	MRF141	Motorola	Class-AB	28	30	150	18, 22 typ	40	211-11, STYLE 2	Avail.	Almost identical package		
	MRF140	Motorola	Class-AB	28	30	150	15	-	211-11, STYLE 2	Avail.	Almost identical package		
BLF246B			Philips	Class-AB	28	175	60	>14	>55	SOT161A	Avail.		
BLF346			Philips	Class-A	28	225	>24, 30 typ	>14, 16.5 typ	-	SOT119A	Avail.		
	MRF173	Motorola	Class-AB	28	150	80	11, 13 typ	55, 60 typ	211-11, STYLE 2	Avail.	Different Package		
	MRF173CQ	Motorola	Class-AB	28	150	80	13 typ	65 typ	316-01, STYLE 2	Avail.			
BLF245B			Philips	Class-B	28	175	30	>14	>55	SOT279A	Avail.		
	MRF136Y	Motorola	Class-AB	28	150	30	14 typ	54 typ	319B, STYLE 1	Avail.			
BLF245			Philips	Class-B	28	175	30	>13	>50	SOT123A	Avail.		
	MRF171A	Motorola	Class-AB	28	150	45	17	60	211-07, STYLE 2	Avail.			
	MRF137	Motorola	Class-AB	28	150	30	13	60 typ	211-07, STYLE 2	Avail.			
BLF175			Philips	Class-AB	50	28	30	24 typ	40 typ	SOT123A	Avail.		
				Class-B	50	108	30	20 typ	65 typ				
				Class-A	50	28	8	>24	-				
	MRF148A	Motorola	Class-AB	50	30	30	18 typ	40 typ	211-07, STYLE 2	Avail.			
BLF244			Philips	Class-B	28	175	15	>13	>50	SOT123A	Avail.		
	MRF136	Motorola	Class-AB	28	150	15	16 typ	60 typ	211-07, STYLE 2	Avail.			
BLF242			Philips	Class-B	28	175	5	>13	>50	SOT123A	Avail.		
	MRF134	Motorola	Class-AB	28	150	5	11	55 typ	211-07, STYLE 2	Avail.			
BLF404			Philips	Class-AB	12.5	500	4	>10	>50	SOT409A	Avail.		
BLF202			Philips	Class-B	12.5	175	2	>10	>50	SOT409A	Avail.		
HF	BLF145		Philips	Class-AB	28	28	30	20 typ	40 typ	SOT123A	Avail.		
					Class-A	28	28	8	24				
	BLF242			Philips	Class-B	28	175	5	>13	>50	SOT123A	Avail.	
	MRF134	Motorola	Class-AB	28	150	5	11	55 typ	211-07, STYLE 2	Avail.			
BLF202			Philips	Class-B	12.5	175	2	>10	>50	SOT409A	Avail.		



***www.rf-china.com***

**RF-Micom co.,Ltd**

**EMail:sales@rf-china.com**

**Sale Phone:86-592-5713956**

