



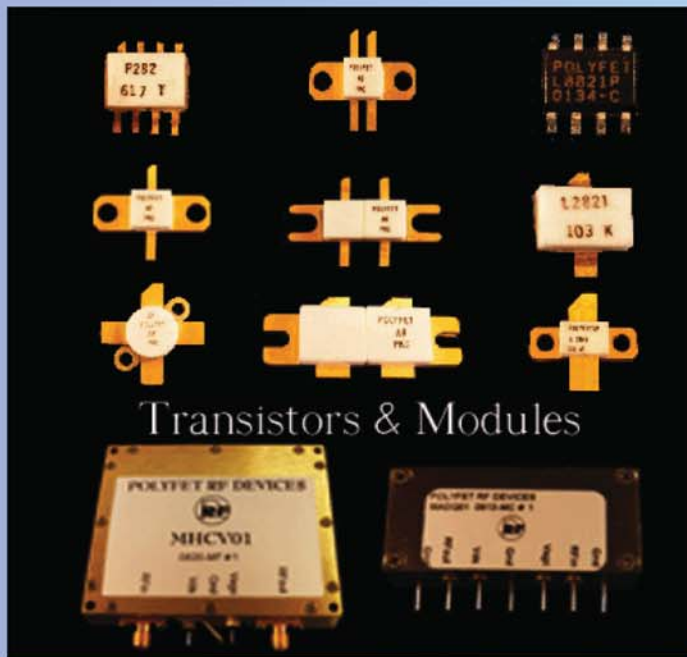
**POLYFET RF
DEVICES**

Компания «Polyfet RF devices», основанная в 1988 году, является в настоящее время одним из ведущих предприятий по производству мощных высокочастотных полевых транзисторов и модулей.

Модули на частоту до 1000 МГц и мощностью до 300 Вт

TB#	Freq Range	Po W	Gn dB	Sta ges	Tran sistors	Notes
178	136-174	7	11	1	L8821P	VHF 12.5V Surface Mount
179	30-88	35	13	1	SQ701	Military 28V
180	50-88	350	18	1	SR401 X 2	TV 350W 1db Compression
181	118-165	150	17	1	SR704	150W 1dB Compression
182	100-500	100	12	1	LR401	100W 100-500Mhz
183A	1.5-30	300	20	1	SR341	Shortwave IMD>-34dbC Vdd=50V
184	1.5-30	125	18	1	SR401	Shortwave IMD>-30dbC VDD=24V
185	290-320	200	16	1	LR301	200W 1dB Compression
186	160-230	300	16	1	LR301	High Power VHF TV
187	900-930	10	10	1	LQ601	Cellular 12.5V
188	1.5-30	20	25	2	>SQ701	Shortwave IMD>-40dbC Vdd=24V
189	700-800	10	12	1	LQ601	New PCS Band Vdd=12.5V
191	850-870	100	10	1	LB401	PCS Band Vdd=28V
192	850-870	10	10	1	SQ202	PCS Band driver Vdd=28V
193A	160-230	300	13	1	SR341	TV Band 2 Vdd=50V
194	47-160	300	15	1	SR341	VHF Band Vdd=50V
195	430 - 450	300	11	1	LR301	Pulsed Radar Amp
196	100-400	120	12	1	SR746	50V Broadband Amp
197	30-512	2	11	1	L8821P	Mil Broadband 12.5V Low cost
199	20-512	60	11	1	SK702	Military Broadband 28V 60W
200	20-1000	45	10	1	LB401	JTRS 45W amp
201	610 - 960	15	10	1	SK204	15W high freq amp
202	150	400	16	1	SR341	50V Pulsed Radar Amp
203	476-776	0.05	15	1	LP801	Linear UHF driver amp
204	476-776	0.1	13	1	LP802	Linear UHF driver amp
205	200-400	120	26	2	>LB501	200- 400 Mhz Broadband Amp
206	160-230	200	16	1	LR501	High Power VHF TV Band 2
207	500-1000	60	12	1	LB401	High Power Broadband
208	20-512	100	20	2	>SR703	High Power Broadband
210	30-400	100	25	2	>SR704U	High Power Broadband
211	300-400	4	12	1	L8721P	7.5V Low Power Amp
212	30-470	100	12	2	LR501	30-470MHz High IMD Amp

TB#	Freq Range	Po W	Gn dB	Sta ges	Tran sistors	Notes
213	10-1000	5	20	2	SQ202	P1dB 5W, Psat 10W, Ultra Broadba
214	20-1000	10	10	1	LQ801	Psat 20W, Ultra Broadband
215	20-1000	10	30	3		



Transistors & Modules

Питающие напряжения широкополосных модулей – от 5 В до 28 В (в 2009 году – 50 В)

TB#	Freq Range	Po W	Gn dB	Sta ges	Tran sistors	Notes
103	600-800	20	13	1	SK204	UHF, high gain
104	470-860	20	13	1	SK204	5W TV Linear 54 dB IMD
105	470-860	20	20	2	>SK204	20 Watt, UHF, TV band
106	100-500	80	10	1	SH702	Mil Comm Amp
107-1A	150-400	120	10	1	SR704U	Mil Comm Amp
108	100-400	100	40	3	>SK703	Mil Comm Amp
109	225-400	40	35	3	>SK702	Mil Comm Amp
110A	30-88	100	15	1	SH703	High Gain P.A.
111A	10-110	10	23	2	>SQ721	12V Mobile Wideband
113	100-200	150	13	1	SR703	High Power P.A.
115	175	160	13	1	SM704	SM704 Test Fixture
116	600-800	10	33	3	>SK204	24V CW Linear or pulse operation
117	10-200	100	12	1	SR704	High Power, Low Band Amp.
120	440-840	8	10	1	SP204	UHF 8 W Amp
121	950-1250	2	10	1	SP201	1 Ghz Amp
122	1000	20	10	1	SK204	SK204 Test Fixture
123	890-915	5	17	2	>SP204	Cellular Amp, 5W, +47 dbm IP3
125	285	150	13	1	SD703	285 Mhz 150W Paging Amplifier
127	200-400	100	10	1	SD703	200-400 Mhz 100W Amplifier
128	1000	15	13	1	LP801	Ldmos Single Ended
129	285	180	25	2	>SD743	50V Paging amplifier
131	920-960	30	12	1	LQ801	Ldmos Push Pull
133	760-960	8	10	2	>LP801	Driver for TB-131
134	760-960	50	10	1	LK802	Ldmos Push Pull
135	470-860	20	20	2	>LQ801	TV Broadcast
137	170-240	160	13	1	SR704	High Gain Amp
139	850-900	5	28	2	LP801	Cell Band 9W 1dB Compression
140	88-108	300	20	1	SR341	FM Radio
141	30-500	40	10	1	SD702	BroadBand; 65W @ 50-500Mhz
142	430-470	8	13	1	LP821	Land Mobile
143	400-1000	25	10	1	LQ801	28V 400-1000 Mhz 25W CW
144	500	7	10	1	L2711	7.5V 7Watt 500 Mhz Amp

TB#	Freq Range	Po W	Gn dB	Sta ges	Tran sistors	Notes
145	88-108	300	40	2	SR746	FM Radio 2 Stages
146	850	6	10	1	L2821	12.5V Surface Mount
147	450-470	10	10	1	LP821	12.5V Land Mobile Amp
148	450-470	35	10	1	LP722	12.5V Land Mobile Amp
150	470-860	45	10	1	LK802	UHF TV
151	800-900	35	10	1	LQ801	CELL
152	118-140	100	10	1	SM704	See also TB-157
153	30-512	40	20	2	>SD702	2 stage Military Band Amp
154	500	120	14	1	LR/LB401	High Gain power amp
155	910-960	35	12	1	LX401	Cellular Driver Amp
156	88-108	300	19	1	SR341	FM Radio Broadcast
157	118-140	100	30	2	SM704	2 stage of TB 152
158A	10-1000	2	10	1	S8201	Ultra Broadband Amp
159B	160-230	300	14	1	SR401	High Performance VHF TV
160	30-512	60	13	1	LB/LR401	Military Broadband
161A	30-400	120	10	1	SR704U	Military Broadband
162	30-512	60	13	1	LB401	Military Broadband
163	30-512	4	11	1	SQ201	Military Broadband
164	30-512	1.5	10	1	S8201	Military Broadband
165	30-512	10	13	1	SQ202	Military Broadband
166	30-512	60	23	2	>LB401	Military Broadband
167B	30-512	100	22	2	>LB501	Military Broadband
168	30-512	2	12	1	L2821	Military Broadband 12.5V
169	30-512	20	13	1	LB421	Military Broadband 12.5V
170	30-512	18	25	2	>LB421	Military Broadband 12.5V
171	450-470	15	10	1	LP721	Military Broadband 12.5V
172	2-30	300	18	1	SM341 X 2	HF Band 50V
173	135-175	18	10	1	LQ821	VHF Mobile 12.5V
174	138-153	4	13	1	LP721	VHF Mobile 9V
175	360-480	40	28	2	SQ701	VHF 2 Stages
176	30-174	200	10	1	SR401	High Power Broadband
177	2-30	200	23	1	SM401 X 2	HF Band 28V

