



Innovation Resulting in Cost Reduction

M-Pulse Microwave Inc.
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Ring Quads

Barrier Height	Part Number	Case Style	Vf (typ) If= 1mA (mV)	CtL(max) @ 0V f = 1 MHz (pF)	RD(typ) If= 5mA (Ω)	Approx.Max Operating Frequency	ΔVf If= 1mA (mV)	ΔCt(typ) f= 1 MHz (pF)
Low	MP2400	E4	290	0.15	20	20	15	0.02
Low	MP2401	M1	290	0.1	20	26	15	0.02
Low	MP2201	M4	290	0.1	20	26	15	0.02
Low	MP2402	E7	290	0.15	20	26	15	0.02
Low	MP2403	E3	290	0.2	20	18	15	0.05
Low	MP2404	S4	290	0.3	20	12	15	0.05
Low	MP2405	E4	270	0.15	15	16	15	0.02
Low	MP2406	M1	270	0.15	15	18	15	0.02
Low	MP2407	E7	270	0.2	15	18	15	0.05
Low	MP2408	E3	270	0.25	15	16	15	0.05
Low	MP2409	S4	270	0.35	15	12	15	0.05
Low	MP2410	E4	240	0.25	10	12	15	0.05
Low	MP2411	M1	240	0.25	10	18	15	0.05
Low	MP2412	E7	240	0.3	10	12	15	0.05
Low	MP2413	E3	240	0.35	10	12	15	0.05
Low	MP2414	S4	240	0.45	10	8	15	0.05
Low	MP2415	E4	220	0.5	8	6	15	0.05
Low	MP2416	M1	220	0.5	8	8	15	0.05
Low	MP2417	E7	220	0.55	8	6	15	0.05
Low	MP2418	E3	220	0.6	8	4	15	0.05
Low	MP2419	S4	220	0.7	8	4	15	0.05
Intermediate	MP2420	E4	360	0.15	20	20	15	0.02
Intermediate	MP2421	M1	360	0.1	20	26	15	0.02
Intermediate	MP2422	E7	360	0.15	20	26	15	0.02
Intermediate	MP2423	E3	360	0.2	20	18	15	0.05
Intermediate	MP2424	S4	360	0.3	20	12	15	0.05
Intermediate	MP2425	E4	340	0.15	15	16	15	0.02
Intermediate	MP2426	M1	340	0.15	15	18	15	0.02
Intermediate	MP2427	E7	340	0.2	15	18	15	0.05
Intermediate	MP2428	E3	340	0.25	15	16	15	0.05
Intermediate	MP2429	S4	340	0.35	15	12	15	0.05
Intermediate	MP2430	E4	310	0.25	10	12	15	0.05
Intermediate	MP2431	M1	310	0.25	10	18	15	0.05
Intermediate	MP2432	E7	310	0.3	10	12	15	0.05
Intermediate	MP2433	E3	310	0.35	10	12	15	0.05
Intermediate	MP2434	S4	310	0.45	10	8	15	0.05
Intermediate	MP2435	E4	290	0.5	8	6	15	0.05
Intermediate	MP2436	M1	290	0.5	8	8	15	0.05
Intermediate	MP2437	E7	290	0.55	8	6	15	0.05
Intermediate	MP2438	E3	290	0.6	8	4	15	0.05
Intermediate	MP2439	S4	290	0.7	8	4	15	0.05

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Medium	MP2440	E4	420	0.1	20	20	15	0.02
Medium	MP2441	M1	420	0.1	20	26	15	0.02
Medium	MP2221	M4	420	0.1	20	26	15	0.02
Medium	MP2442	E7	420	0.15	20	26	15	0.02
Medium	MP2443	E3	420	0.2	20	18	15	0.05
Medium	MP2444	S4	420	0.3	20	12	15	0.05
Medium	MP2445	E4	400	0.15	15	16	15	0.02
Medium	MP2446	M1	400	0.15	15	18	15	0.02
Medium	MP2447	E7	400	0.2	15	18	15	0.05
Medium	MP2448	E3	400	0.25	15	16	15	0.05
Medium	MP2449	S4	400	0.35	15	12	15	0.05
Medium	MP2450	E4	380	0.25	10	12	15	0.05
Medium	MP2451	M1	380	0.25	10	18	15	0.05
Medium	MP2452	E7	380	0.3	10	12	15	0.05
Medium	MP2453	E3	380	0.35	10	12	15	0.05
Medium	MP2454	S4	380	0.45	10	8	15	0.05
Medium	MP2455	E4	360	0.5	8	6	15	0.05
Medium	MP2456	M1	360	0.5	8	8	15	0.05
Medium	MP2457	E7	360	0.55	8	6	15	0.05
Medium	MP2458	E3	360	0.6	8	4	15	0.05
Medium	MP2459	S4	360	0.7	8	4	15	0.05
High	MP2460	E4	520	0.15	15	20	20	0.02
High	MP2461	M1	520	0.1	15	26	20	0.02
High	MP2231	M4	520	0.1	15	26	20	0.02
High	MP2462	E7	520	0.15	15	26	20	0.02
High	MP2463	E3	520	0.2	15	18	20	0.05
High	MP2464	S4	520	0.3	15	12	20	0.05
High	MP2465	E4	500	0.15	12	16	20	0.02
High	MP2466	M1	500	0.15	12	18	20	0.02
High	MP2467	E7	500	0.2	12	18	20	0.05
High	MP2468	E3	500	0.25	12	16	20	0.05
High	MP2469	S4	500	0.35	12	12	20	0.05
High	MP2470	E4	480	0.25	10	12	20	0.05
High	MP2471	M1	480	0.25	10	18	20	0.05
High	MP2472	E7	480	0.3	10	12	20	0.05
High	MP2473	E3	480	0.35	10	12	20	0.05
High	MP2474	S4	480	0.45	10	8	20	0.05
High	MP2475	E4	460	0.5	8	6	20	0.05
High	MP2476	M1	460	0.5	8	8	20	0.05
High	MP2477	E7	460	0.55	8	6	20	0.05
High	MP2478	E3	460	0.6	8	4	20	0.05
High	MP2479	S4	460	0.7	8	4	20	0.05



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Very High	MP2480	E4	620	0.15	20	20	20	0.02
Very High	MP2481	M1	620	0.1	20	26	20	0.02
Very High	MP2241	M4	620	0.1	20	26	20	0.02
Very High	MP2482	E7	620	0.15	20	26	20	0.02
Very High	MP2483	E3	620	0.2	20	18	20	0.05
Very High	MP2484	S4	620	0.3	20	12	20	0.05
Very High	MP2485	E4	600	0.15	15	16	20	0.02
Very High	MP2486	M1	600	0.15	15	18	20	0.02
Very High	MP2487	E7	600	0.2	15	18	20	0.05
Very High	MP2488	E3	600	0.25	15	16	20	0.05
Very High	MP2489	S4	600	0.35	15	12	20	0.05
Very High	MP2490	E4	580	0.25	10	12	20	0.05
Very High	MP2491	M1	580	0.25	10	18	20	0.05
Very High	MP2492	E7	580	0.3	10	12	20	0.05
Very High	MP2493	E3	580	0.35	10	12	20	0.05
Very High	MP2494	S4	580	0.45	10	8	20	0.05
Very High	MP2495	E4	560	0.5	8	6	20	0.05
Very High	MP2496	M1	560	0.5	8	8	20	0.05
Very High	MP2497	E7	560	0.55	8	6	20	0.05
Very High	MP2498	E3	560	0.6	8	4	20	0.05
Very High	MP2499	S4	560	0.7	8	4	20	0.05
Very High	MP2510	E4	1200	0.2	20	20	20	0.05
Very High	MP2511	M8	1200	0.1	20	26	20	0.02
Very High	MP2512	E7	1200	0.2	20	26	20	0.05
Very High	MP2513	E3	1200	0.2	20	18	20	0.05
Very High	MP2514	S4	1200	0.3	20	12	20	0.05
Very High	MP2520	E4	1150	0.25	15	16	20	0.05
Very High	MP2521	M8	1150	0.15	15	18	20	0.02
Very High	MP2522	E7	1150	0.25	15	18	20	0.05
Very High	MP2523	E3	1150	0.25	15	16	20	0.05
Very High	MP2524	S4	1150	0.35	15	12	20	0.05
Very High	MP2530	E4	1125	0.3	10	12	20	0.05
Very High	MP2531	M8	1125	0.2	10	18	20	0.05
Very High	MP2532	E7	1125	0.3	10	12	20	0.05
Very High	MP2533	E3	1125	0.3	10	12	20	0.05
Very High	MP2534	S4	1125	0.4	10	8	20	0.05
Very High	MP2540	E4	1100	0.4	8	6	20	0.05
Very High	MP2541	M8	1100	0.33	8	8	20	0.05
Very High	MP2542	E7	1100	0.4	8	6	20	0.05
Very High	MP2543	E3	1100	0.4	8	4	20	0.05
Very High	MP2544	S4	1100	0.6	8	4	20	0.05
Very High	MP2930	E4	1450	0.2	20	20	20	0.05

Ring Quads

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Very High	MP2932	E7	1450	0.2	20	26	20	0.05
Very High	MP2933	E3	1450	0.2	20	18	20	0.05
Very High	MP2934	S4	1450	0.3	20	12	20	0.05
Very High	MP2950	E4	1400	0.25	15	16	20	0.05
Very High	MP2952	E7	1400	0.25	15	18	20	0.05
Very High	MP2953	E3	1400	0.25	15	16	20	0.05
Very High	MP2954	S4	1400	0.35	15	12	20	0.05
Very High	MP2970	E4	1375	0.3	10	12	20	0.05
Very High	MP2972	E7	1375	0.3	10	12	20	0.05
Very High	MP2973	E3	1375	0.3	10	12	20	0.05
Very High	MP2974	S4	1375	0.4	10	8	20	0.05
Very High	MP2980	E4	1350	0.4	8	6	20	0.05
Very High	MP2982	E7	1350	0.4	8	6	20	0.05
Very High	MP2983	E3	1350	0.4	8	4	20	0.05
Very High	MP2984	S4	1350	0.6	8	4	20	0.05
Very High	MP2550	E4	1800	0.15	22	20	20	0.02
Very High	MP2551	M12	1800	0.1	30	26	20	0.02
Very High	MP2552	E7	1800	0.15	22	20	20	0.02
Very High	MP2553	E3	1800	0.15	22	18	20	0.02
GaAs	MP2941	E3	700	0.2	8	16	20	0.05