



真茂佳半导体车规产品列表

Product Major Information					Vth(V)	Rds(on)(mΩ)@Vgs=		ID(A)	STATUS
channel Voltage	Product Name	Assembly	BVdss Min(V)	Vgs(V)		10V	4.5V	Tc=25℃	
P-30V	ZMA029P03D	TO-252	-30	±20	-1.3/-1.8/-2.5	2.9/4.0	4.8/7.0	100	MP
	ZMA029P03N	DFN5*6	-30	±20	-1.3/-1.8/-2.5	2.9/4.0	4.8/7.0	116	MP
N-40V	ZMSA008N04NC	DFN5*6	40	±20	1.6/1.9/2.5	0.7/0.91	1.0/1.8	310	MP
	ZMSA008N04HNC	DFN5*6	40	±20	2.0/2.7/4.0	0.7/0.91	-	310	MP
	ZMSA008N04HNCD	DFN5*6	40	±20	2.0/2.7/4.0	0.85/1.0	-	310	MP
	ZMSA008N04R	TOLL	40	±20	1.6/1.9/2.5	1.1/1.43	1.7/2.2	290	MP
	ZMSA011N04HR	TOLL	40	±20	2.0/2.7/4.0	1.1/1.4	-	290	MP
	ZMSA011N04HB	TO-263	40	±20	2.0/2.7/4.0	1.1/1.5	-	155	MP
	ZMSA011N04HB6	TO-263	40	±20	2.0/2.7/4.0	1.1/1.43	-	160	MP
	ZMSA012N04HNC	DFN5*6	40	±20	2.0/2.7/4.0	1.2/1.6	-	236	MP
	ZMSA016N04HD	TO-252	40	±20	2.0/2.7/4.0	1.6/2.0	-	110	MP
	ZMSA018N04NC	DFN5*6	40	±20	1.4/1.9/2.5	1.7/2.1	2.9/3.6	140	MP
	ZMSA018N04HNC	DFN5*6	40	±20	2.0/2.6/4	1.7/2.1	-	140	MP
	ZMSA018N04HN	DFN5*6	40	±20	2.0/2.7/4.0	1.8/2.4	-	120	MP
	ZMSA019N04MC	DFN3. 3*3. 3	40	±20	1.3/1.8/2.5	1.9/2.3	3/3.9	130	MP
	ZMA020N04HB	TO-263	40	±20	2.0/2.7/4.0	2.2/3	-	155	MP
	ZMA023N04N	DFN5*6	40	±20	1.3/1.8/2.5	2.6/3.2	3.4/4.5	100	MP
	ZMSA025N04HN	DFN5*6	40	±20	2.0/2.7/4.0	2.5/3.0	-	100	MP
	ZMSA025N04HD	TO-252	40	±20	2.0/2.7/4.0	2.5/3.2	-	100	MP
	ZMA042N04N	DFN5*6	40	±20	1.3/1.8/2.5	5.0/6.5	8.0/10.0	68	MP
	ZMSA040N04HNC	DFN5*6	40	±20	2.0/2.7/4.0	4.0/5.5	-	75	MP
	ZMA042N04M	DFN3*3	40	±20	1.3/1.8/2.5	5.5/7.0	8.0/10.0	45	MP
	ZMA042N04D	TO-252	40	±20	1.3/1.8/2.5	5.5/7.0	7.6/10.0	65	MP
	ZMSA055N04HN	DFN5*6	40	±20	2.0/2.7/4.0	5.5/7.1	-	68	MP
	ZMSA055N04HM	DFN3. 3*3. 3	40	±20	2.0/2.7/4.0	5.5/7.1	-	43	MP
	ZMSA055N04HD	TO-252	40	±20	2.0/2.7/4.0	5.0/6.0	-	65	MP
	ZMA074N04N	DNF5*6	40	±20	1.3/1.8/2.5	8.0/12.0	13.0/17.0	50	MP
	ZMA074N04M	DFN3*3	40	±20	1.3/1.8/2.5	8.0/12.0	13.0/17.0	35	MP
	ZMA100N04N	DFN5*6	40	±20	1.3/1.8/2.5	10.0/14.0	13.0/18.0	40	MP
	ZMA160N04N	DFN5*6	40	±20	1.3/1.8/2.5	16/22	21/27	31	MP
	ZMA160N04M	DFN3*3	40	±20	1.3/1.8/2.5	16/22	21/27	21	MP
N+N 40V	ZMDA68401N	DFN5*6 Dual	40	±20	1.3/1.7/2.5	10/13	15/19.5	30	MP
		DFN5*6 Dual	40	±20	1.3/1.7/2.5	10/13	15/19.5	30	MP
	ZMDA68403M	DFN3. 3*3. 3Dual	40	±20	1.3/1.7/2.5	14/18.2	18/23	15	MP
		DFN3. 3*3. 3Dual	40	±20	1.3/1.7/2.5	14/18.2	18/23	15	MP
	ZMDA68405M	DFN3. 3*3. 3Dual	40	±20	1.3/1.7/2.5	22/26	26/33.8	12	MP
		DFN3. 3*3. 3Dual	40	±20	1.3/1.7/2.5	22/26	26/33.8	12	MP
	ZMDA68404N	DFN5*6 Dual	45	±20	1.3/1.8/2.5	6/9	8/12	47	MP
		DFN5*6 Dual	45	±20	1.3/1.8/2.5	6/9	8/12	47	MP
	ZMDA68406N	DFN5*6 Dual	40	±20	2.0/2.7/4.0	6.7/8.1	-	45	MP
		DFN5*6 Dual	40	±20	2.0/2.7/4.0	6.7/8.1	-	45	MP
	ZMDA68407N	DFN5*6 Dual	40	±20	1.3/1.8/2.5	5.0/7.0	7/9	50	MP
		DFN5*6 Dual	40	±20	1.3/1.8/2.5	5.0/7.0	7/9	50	MP
	ZMA040P04D	TO-252	-40	±20	-1.3/-1.8/-2.5	4/5.2	7/8.4	-85	MP
	ZMA040P04N	DFN5*6	-40	±20	-1.3/-1.8/-2.5	4/5.2	6.5/8.4	80	MP

P-40V	ZMA060P04D	TO-252	-40	±20	-1.3/-1.8/-2.5	6.8/8.8	10/12	74	MP
	ZMA060P04N	DFN56	-40	±20	-1.3/-1.8/-2.5	6/7.8	8/10.5	60	MP
	ZMA120P04D	TO-252	-40	±20	-1.3/-1.8/-2.5	12/16	17/21	45	MP
	ZMA120P04N	DFN5*6	-40	±20	-1.3/-1.8/-2.5	12/16	16/23	50	MP
	ZMA120P04M	DFN3.3*3.3	-40	±20	-1.3/-1.8/-2.5	12/17	17/23	32	MP
	ZMA260P04N	DFN3.3*3.3	-40	±20	-1.3/-1.8/-2.5	26/34	33/59	20	MP
	ZMA260P04M	DFN3.3*3.3	-40	±20	-1.3/-1.8/-2.5	26/34		-20	MP
	ZMA390P04T	SOT23-3	-40	±20	-1.3/-1.8/-2.5	49/70	71/100	3.4	MP
N+P 40V	ZMCA88401N	DFN5*6	40	±20	1.3/1.7/2.5	10/13	15/19.5	40	MP
		DFN5*6	-40	±20	-1.3/-1.8/-2.5	12/16	17/21	35	MP
N-60V	ZMSA011N06HR	TOLL	60	±20	2.0/2.7/4.0	1.1/1.5		280	MP
	ZMSA011N06HB6	TO-263-6	60	±20	2.0/2.7/4.0	1.1/1.5		260	MP
	ZMSA011N06HB	TO-263	60	±20	2.0/2.7/4.0	1.4/1.9		140	MP
	ZMSA011N06HP	TO-220	60	±20	2.0/2.7/4.0	1.4/1.9		140	MP
	ZMSA012N06NC	DFN5*6	60	±20	1.3/1.8/2.5	1.2/1.6		223	MP
	ZMSA012N06HNC	DFN5*6	60	±20	2.0/2.7/4.0	1.2/1.6		223	MP
	ZMSA020N06NC	DFN5*6	60	±20	1.4/1.7/2.5	2/2.7	3.0/4	160	MP
	ZMSA020N06HNC	DFN5*6	60	±20	2.0/2.7/4.0	2/2.7	-	160	MP
	ZMSA030N06N	DFN5*6	60	±20	1.4/1.7/2.5	2.6/3.5	3.4/4.5	110	MP
	ZMSA030N06HN	DFN5*6	60	±20	2.0/2.7/4.0	2.6/3.4	-	110	MP
	ZMSA030N06D	TO-252	60	±20	1.4/1.7/2.5	2.8/3.6	3.8/4.9	95	MP
	ZMSA030N06HD	TO-252	60	±20	2.0/2.7/4.0	2.8/3.6	-	95	MP
	ZMSA030N06HB	TO-263	60	±20	2.0/2.7/4.0	2.6/3.4	-	140	MP
	ZMSA052N06N	DFN5*6	60	±20	1.3/1.8/2.5	5.2/6.5	6.8/8.5	80	MP
	ZMSA052N06D	TO-252	60	±20	1.3/1.8/2.5	5.2/6.5	6.8/8.5	68	MP
	ZMSA054N06M	DFN3.3*3.3	60	±20	1.3/1.8/2.5	5.4/7	7/8.5	45	MP
	ZMSA090N06M	DFN3.3*3.3	60	±20	1.3/1.8/2.5	9/11	12/14	35	MP
	ZMSA090N06N	DFN5*6	60	±20	1.3/1.8/2.5	9/11	12/14	50	MP
	ZMA098N06N	DFN5*6	60	±20	1.4/1.7/2.5	10/13	12/15	50	MP
	ZMA098N06M	DFN3.3*3.3	60	±20	1.4/1.7/2.5	10/12	12/15	40	MP
	ZMA098N06D	TO-252	60	±20	1.2/1.6/2.5	10/12	12/15	50	MP
	ZMA200N06N	DFN5*6	60	±20	1.3/1.8/2.5	20/26	25/31	38	MP
	ZMA200N06M	DFN3.3*3.3	60	±20	1.3/1.8/2.5	20/26	25/31	21	MP
	ZMA200N06D	TO-252	60	±20	1.3/1.8/2.5	20/26	25/31	38	MP
	ZMA280N06N	DFN5*6	60	±20	1.2/1.7/2.5	28/34	33/40	30	MP
	ZMA280N06M	DFN3.3*3.3	60	±20	1.2/1.7/2.5	28/34	33/40	20	MP
	ZMA300N06E	SOT-223	60	±20	1.0/1.7/2.5	28/36	33/43	12	MP
	ZMA430N06M	DFN3.3*3.3	60	±20	1.2/1.8/2.5	43/50	50/60	15	MP
	ZMA500N06T	SOT23-3	60	±20	1.2/1.8/2.5	50/65	70/90	4	MP
	ZMA500N06E	SOT-223	60	±20	1.3/1.7/2.5	50/65	70/90	9	MP
	ZMA010KN06T	SOT23-3	60	±20	1.2/1.8/2.5	110/145	134/201	2.3	MP
N+N 60V	ZMDA68602N	DFN5*6	60	±20	1.2/1.6/2.5	28/36	34/42	20	MP
		DFN5*6	60	±20	1.2/1.6/2.5	28/36	34/42	20	MP
	ZMDA68601N	DFN5*6	60	±20	1.3/1.8/2.5	23/30	27/35	23	MP
		DFN5*6	60	±20	1.3/1.8/2.5	23/30	27/35	23	MP
	ZMDA68605N	DFN5*6	60	±20	1.2/1.8/2.5	11.5/14	14/18	32	MP
		DFN5*6	60	±20	1.2/1.8/2.5	11.5/14	14/18	32	MP
	ZMDA68607N	DFN5*6	60	±20	1.2/1.8/2.5	6.5/8.5	9.5/11.5	45	MP
		DFN5*6	60	±20	1.2/1.8/2.5	6/7.8	9.5/11.5	45	MP

	ZMDA68606N	DFN5*6	60	±20	1.4/1.8/2.5	10/14	13/17	32	MP
		DFN5*6	60	±20	1.4/1.8/2.5	10/14	13/17	32	MP
P-60V	ZMA080P06N	DFN5*6	-60	±20	-1.3/-1.8-2.5	8/10.5	10/14	80	MP
	ZMA080P06B	TO-263	-60	±20	-1.3/-1.8-2.5	8/10	9.5/12	80	MP
	ZMA080P06D	TO-252	-60	±20	-1.3/-1.8-2.5	8/10.5	10/14	60	MP
	ZMA120P06D	TO-252	-60	±20	-1.3/-1.8-2.5	12/17	16/23	53	MP
	ZMA120P06B	TO-263	-60	±20	-1.3/-1.8-2.5	12/19	16/23	65	MP
	ZMA120P06N	DFN5*6	-60	±20	-1.3/-1.8-2.5	12/19	16/23	53	MP
	ZMA230P06N	DFN5*6	-60	±20	-1.3/-1.8-2.5	23/34	29/41	30	MP
	ZMA230P06D	TO-252	-60	±20	-1.3/-1.8-2.5	23/34	29/41	30	MP
	ZMA230P06M	DFN3.3*3.3	-60	±20	-1.3/-1.8-2.5	23/34	29/41	26	MP
	ZMA420P06N	DFN5*6	-60	±20	-1.3/-1.8-2.5	42/60	60/85	24	MP
	ZMA420P06D	TO-252	-60	±20	-1.3/-1.8-2.5	42/65	60/85	22	MP
	ZMA420P06M	DFN3.3*3.3	-60	±20	-1.3/-1.8-2.5	42/65	60/85	18	MP
	ZMA570P06N	DFN5*6	-60	±20	-1.3/-1.8-2.5	57/74	76/100	18	MP
	ZMA570P06D	TO-252	-60	±20	-1.3/-1.8-2.5	57/74	76/100	16	MP
	ZMA570P06M	DFN3.3*3.3	-60	±20	-1.3/-1.8-2.5	57/74	76/100	13	MP
	ZMA570P06S	SOP-8	-60	±20	-1.3/-1.8-2.5	57/74	76/100	5	MP
	ZMA930P06E	SOT223	-60	±20	-1.3/-1.8-2.5	103/120	128/166	2.8	MP
	ZMA930P06T	SOT23-3	-60	±20	-1.3/-1.8-2.5	103/130	128/166	2	MP
	ZMA019KP06T	SOT23-3	-60	±20	-1.3/-1.8-2.5	190/250	230/310	1.8	MP
N+P 60V	ZMCA88602N	DFN5*6	60	±20	1.2/1.6/2.5	30/39	34/45	16	MP
		DFN5*6	-60	±20	-1.2/-1.6/-2.5	57/74	71/95	10	
N-70V	ZMBA015N07HC	TO-247	70	±20	2.0/3.3/4.0	1.4/1.8		350	MP
N-80V	ZMSA009N08HR	TOLL	80	±20	2.0/2.7/4.0	0.90/1.1	-	360	MP
	ZMSA009N08HG	DFN8*8	80	±20	2.0/2.7/4.0	0.95/1.15	-	340	MP
	ZMSA015N08HR	TOLL	80	±20	2.0/2.7/4.0	1.6/2.1	-	240	MP
	ZMSA015N08HB6	TO-263-6	80	±20	2.0/3.3/4.0	1.6/2.0	-	220	MP
	ZMSA015N08HG	DFN8*8	80	±20	2.0/2.7/4.0	1.5/1.95	-	228	MP
	ZMSA028N08HNC	DFN5*6	80	±20	2.0/2.7/4.0	2.8/3.5		150	MP
	ZMSA035N08HN	DFN5*6	80	±20	2.0/2.7/4.0	3.5/4.5		100	MP
	ZMSA035N08HP	TO-220	80	±20	2.0/2.7/4.0	3.5/4.5		120	MP
	ZMSA080N08HN	DFN5*6	80	±20	2.0/2.7/4.0	7.5/10		55	MP
	ZMSA080N08N	DFN5*6	80	±20	1.3/1.7/2.5	7.5/10	11/14	55	MP
	ZMSA080N08HD	TO-252	80	±20	2.0/2.7/4.0	7.5/10		55	MP
	ZMSA080N08M	DFN3.3*3.3	80	±20	1.3/1.7/2.5	8/11	11/15	41	MP
	ZMSA120N08M	DFN3.3*3.3	80	±20	1.3/1.8/2.5	12/16	18/23	39	MP
N-100V	ZMSA030N10HC	TO-247	70	±20	2.0/3.3/4.0	2.3/2.8		200	MP
	ZMSA030N10HR	TOLL	100	±20	2.0/2.7/4.0	2.2/2.8	-	240	MP
	ZMSA030N10HB6	TO-263-6	100	±20	2.0/2.7/4.0	2.2/2.8	-	240	MP
	ZMSA030N10HG	DFN8*8	100	±20	2.0/2.7/4.0	2.2/3.1	-	180	MP
	ZMSA030N10HB	TO-263	100	±20	2.0/2.7/4.0	2.8/3.6	-	155	MP
	ZMSA030N10HP	TO-220	100	±20	2.0/2.7/4.0	2.8/3.6	-	140	MP
	ZMSA070N10D	TO-252	100	±20	1.3/1.8/2.5	7/9	9/11	60	MP
	ZMSA070N10N	DFN5*6	100	±20	1.4/1.9/2.5	7.5/9	9/11	80	MP
	ZMSA100N10N	DFN5*6	100	±20	1.4/1.7/2.5	10/13	12/15	50	MP
	ZMSA100N10D	TO-252	100	±20	1.3/1.8/2.5	10/13	12/15	54	MP
	ZMSA250N10M	DFN3.3*3.3	100	±20	1.3/1.8/2.5	25/32	32/41	22	MP
	ZMSA250N10N	DFN5*6	100	±20	1.3/1.8/2.5	25/32	32/41	30	MP
	ZMSA250N10D	TO-252	100	±20	1.3/1.8/2.5	25/32	32/41	30	MP
	ZMSA420N10D	TO-252	100	±20	1.3/1.8/2.5	42/54	51/67	20	MP
	ZMSA420N10N	DFN5*6	100	±20	1.3/1.8/2.5	50/65	64/83	20	MP
	ZMSA420N10M	DFN3.3*3.3	100	±20	1.3/1.8/2.5	42/54	51/67	15	MP

	ZMSA420N10E	SOT223	100	±20	1.3/1.8/2.5	42/54	51/67	9	MP
N+N 100V	ZMDA68110N	DFN5*6	100	±20	1.4/1.8/2.5	11/14	13/16	30	MP
		DFN5*6	100	±20	1.4/1.8/2.5	11/14	13/16	30	MP
	ZMDA68103N	DFN5*6	100	±20	1.4/1.8/2.5	24/32	30/42	25	MP
		DFN5*6	100	±20	1.4/1.8/2.5	24/32	30/42	25	
P-100V	ZMA240P10B	TO-263	-100	±20	-1.3/-1.8/-2.5	25/40	30/45	54	MP
	ZMA240P10N	DFN5*6	-100	±20	-1.3/-1.8/-2.5	25/40	30/45	43	MP
	ZMA350P10B	TO-263	-100	±20	-1.3/-1.8/-2.5	40/56	52/70	37	MP
	ZMA350P10D	TO-252	-100	±20	-1.3/-1.8/-2.5	40/56	52/70	29	MP
	ZMA350P10N	DFN56	-100	±20	-1.3/-1.8/-2.5	40/56	52/70	31	MP
	ZMA900P10D	TO-252	-100	±20	-1.3/-1.8/-2.5	90/120	100/130	28	MP
	ZMA900P10M	DFN3*3	-100	±20	-1.3/-1.8/-2.5	110/145	125/165	13	MP
	ZMA900P10N	DFN56	-100	±20	-1.3/-1.8/-2.5	90/120	100/130	28	MP
	ZMA020KP10D	TO-252	-100	±20	-1.3/-1.8/-2.5	200/245	220/265	8	MP
N-150V	ZMSA055N15HB	TO-263	150	±20	2.0/3.3/4.0	6.5/8.5	-	109	MP
	ZMSA055N15HB6	TO-263-6	150	±20	2.0/3.0/4.0	7.0/9.1	-	109	MP
	ZMSA055N15HR	TOLL	150	±20	2.0/3.0/4.0	7.0/9.1	-	105	MP
	ZMSA055N15HC	TO-247	150	±20	2.0/3.3/4.0	6.3/8.2	-	130	MP