

### Trench MOSFET

#### P-MOSFET Catalog

Part NO.	Channel	ESD Diode (Y/N)	VDSS (V)	VTH (V)	IDS (A)@T A=25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
						-10V	-4.5V	-2.5V	
RU16P4M4	P	N	-16	-0.6	-4		70	100	DFN2020
RU16P8M4	P	N	-16	-1.1--0.4	-8		33	40	DFN2020
RU20P7C	P	N	-20	-1.1--0.4	-5		20	30	SOT23-3
RU20P7C6	P	N	-20	-1.1--0.4	-5		20	30	SOT23-6
RU20P17M2	P	N	-20	-1.1--0.4	-10		11	13	DFN3333
RU20P4C	P	N	-20	-1.1--0.4	-4		40	55	SOT23-3
RU20P3B	P	N	-20	-1--0.5	-3		80	110	SOT23
RU20P4C6	P	N	-20	-1.1--0.4	-4		40	55	SOT23-6
RU20P18L	P	N	-20	-1--0.4	-18		30	45	T0-252
RU30P4C	P	N	-25	-1.3--0.5	-4	45	55	75	SOT23-3
RU30P4B	P	N	-25	-1.3--0.5	-4	50	60	80	SOT23
RU30P3B	P	N	-30	-2.5--1	-3.5	50	80		SOT23
RU30P4C6	P	N	-30	-3--1	-4	50	75		SOT23-6
RU30S4H	Dual-P	N	-30	-2.5--1	-4.8	50	80		SOP-8
RU30S5H	Dual-P	N	-30	-2.5--1	-5	38	56		SOP-8
RU30S15H	Dual-P	N	-30	-2.5--1	-15	15	22		SOP-8
RU30P4H	P	N	-30	-2.5--1	-5	50	80		SOP-8
RU30P5H	P	N	-30	-2.5--1	-5.5	38	55		SOP-8
RU30P5D	P	N	-30	-2.5--1	-5.5	38	55		SOT223
RU30L15H	P	Y	-30	-2.5--1	-14.5	13	22		SOP-8
RU30L18H	P	Y	-30	-2.5--1	-18	10	14		SOP-8
RU30L30M	P	Y	-30	-2.5--1	-30	12	20		DFN3333
RU30L40M2	P	Y	-30	-2.5--1	-40	8	10		DFN3333
RU30L70L	P	Y	-30	-2.5--1	-70	5.5	9		T0-252
RU30C8H	N+P	Y	±30	1.2-1.8	8	12	16		SOP-8
				-1.8--1.2	-7	18	25		
RU30C10H	N+P	Y	±30	1.2-1.8	8	12	16		SOP-8
				-1.8--1.2	-7	15	20		
RU30C30M	N+P	Y	±30	1-2.5	30	7.5	10		DFN5060
				-2.5--1	-30	13	12		
RU40C40M	N+P	Y	±40	1-2.5	40	12	17		DFN5060
				-2.5--1	-40	21	30		
RU40P3C	P	N	-40	-2.5--1.3	-3	100	150		SOT23-3
RU40S4H	Dual-P	N	-40	-2.5--1	-4	65	85		SOP-8
RU40P4H	P	N	-40	-2.5--1	-4.5	60	80		SOP-8
RU40L10H	P	Y	-40	-2.5--1	-9.5	19	30		SOP-8
RU40L10L	P	Y	-40	-2.5--1	-32	20	30		T0-252
RU55L18L	P	Y	-60	-3--1	-16	100	125		T0-252
RU55L18R	P	Y	-60	-3--1	-16	100	125		T0-220
RU60P50L	P	N	-60	-4--2	-60	22			T0-252
RU60P50S	P	N	-60	-4--2	-60	22			T0-263
RU60C8H	N+P	Y	±60	1-2.5	8	45	55		SOP-8
				-2.5--1	-8	75	90		
RU1HL8L	P	Y	-100	-2.5--1	-10	120	180		T0-252
RU1HL13R	P	Y	-100	-2.7--1.5	-13	160	180		T0-220
RU1HL13L	P	Y	-100	-2.7--1.5	-13	160	180		T0-252
RU1HL13K	P	Y	-100	-2.7--1.5	-13	160	180		T0-251
RU1HP35L	P	N	-100	-4--2	-35	30			T0-252
RU1HP60S	P	N	-100	-4--2	-60	18			T0-263
RU1HP60R	P	N	-100	-4--2	-60	18			T0-220
RU1HP60Q	P	N	-100	-4--2	-60	18			T0-247

## Trench MOSFET

### N-MOSFET Catalog ( $V_{DS}: N20V-N30V$ )

Part NO.	Channel	ESD Diode (Y/N)	VDSS (V)	VTH (V)	IDS (A) @ TA=25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
						10V	4.5V	2.5V	
RU207C	N	N	20	0.5-1.5	6		10	15	SOT23-3
RU2030M2	N	N	20	0.5-1.5	30		14	17	DFN3333
RU20D40M3	Dual-N	N	20	0.5-1.5	40		5	8	DFN3030
RU205B	N	N	20	0.5-1.5	5		30	38	SOT23
RU8205C6	Dual-N	N	20	0.5-1.5	6		22	30	SOT23-6
RU8205G	Dual-N	N	20	0.5-1.5	6		21	30	TSSOP-8
RU2020H	N	N	20	0.5-1.5	20	3.5	3.8	5.6	SOP-8
RU2520H	N	N	25	1.5-2.7	13	9	14.5		SOP-8
RU2560L	N	N	25	1-3	55	8	12		T0-252
RU2568L	N	N	25	1.2-2.5	60	4	9		T0-252
RU304B	N	N	30	0.5-1.5	4		44	53	SOT23
RU30E4B	N	Y	30	1-1.8	4	30	55		SOT23
RU306C	N	N	30	0.6-1.5	5	30	38	110	SOT23-3
RU30D8H	Dual-N	N	30	1-3	7	18	45		SOP-8
RU3010H	N	N	30	1-3	8	18	40		SOP-8
RU30D10H	Dual-N	N	30	1.5-2.7	10	16	24		SOP-8
RU3011H	N	N	30	1-3	11	15	30		SOP-8
RU3020H	N	N	30	1.5-2.7	12	9.5	15		SOP-8
RU3012M4	N	N	30	0.9-1.8	12	14	25		DFN2020
RU30D20M2	Dual-N	N	30	1-2.5	20	15	21		DFN3333
RU30D20H	Dual-N	N	30	1-2.5	20	10	12		SOP-8
RU3030M2	N	N	30	1.2-2.5	30	10	15		DFN3333
RU30J30M	Dual-N	N	30	1.2-2.5	30	7	9.5		DFN5060
RU3040M2	N	N	30	0.9-1.8	40	5.8	8.2	16.8	DFN3333
RU3041M2	N	N	30	0.9-1.8	40	4.2	5.5	10	DFN3333
RU30J41M	Dual-N	N	30	1.2-2.5	40	4	5.5		DFN5060
RU30J51M	Dual-N	N	30	1.2-2.5	50	3.6	5.5		DFN5060
RU3060L	N	N	30	1.5-2.7	53	9	13		T0-252
RU3060K	N	N	30	1.5-2.7	53	9	13		T0-251
RU30E60M2	N	Y	30	1.3-2.4	60	3	6		DFN3333
RU3568L	N	N	30	1-2.5	60	6	10		T0-252
RU30E40L	N	Y	30	1-2.5	60	5	10		T0-252
RU30E20H	N	Y	30	0.5-1.2	20	4.6	5.8		SOP-8
RU3065L	N	N	30	1-1.5	65	4	6		T0-252
RU3568R	N	N	30	1.5-2.7	68	6	10		T0-220
RU3070M	N	N	30	1-2.5	70	3.8	5		DFN5060
RU3070M2	N	N	30	1-2	70	3	3.6		DFN3333
RU3070L	N	N	30	1-3	70	3.3	5		T0-252
RU3075L	N	N	30	1-3	75	4.5	7		T0-252
RU3075R	N	N	30	1-2.5	75	5	6.5		T0-220
RU3080M	N	N	30	1-2.5	80	2.3	3		DFN5060
RU3089L	N	N	30	1-3	89	3.8	5		T0-252
RU3089M	N	N	30	1-3	89	3.8	5		DFN5060
RU3080L	N	N	30	2-4	90	2.6			T0-252
RU3090M	N	N	30	1-3	98	1.7	3.2		DFN5060
RU3091M	N	N	30	1-3	90	2.8	3.4		DFN5060
RU30120L	N	N	30	1-3	120	2.5	3.3		T0-252

RU30120R	N	N	30	1-3	120	2.5	3.3		T0-220
RU30120M	N	N	30	1-3	120	2	2.9		DFN5060
RU30120S	N	N	30	1-3	120	2.5	3.3		T0-263
RU30160R	N	N	30	2-4	160	2.3			T0-220
RU30200M	N	N	30	1-2.5	200	1.6	2		DFN5060
RU30230R	N	N	30	1-3	230	2	2.5		T0-220
RU30231R	N	N	30	2-4	230	2.3			T0-220
RU30290R	N	N	30	2-4	290	1.8			T0-220
RU30291R	N	N	30	1-3	290	1.8	2.6		T0-220
RU30300R	N	N	30	2-4	300	1.7			T0-220

## Trench MOSFET

### N-MOSFET Catalog ( $V_{DS}:N40V-N55V$ )

Part NO.	Channel	ESD Diode (Y/N)	VDSS (V)	VTH (V)	IDS (A) @TA=25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
						10V	4.5V	2.5V	
RU3520H	N	N	40	1.5-2.7	9	14	21		SOP-8
RU40E25L	N	Y	40	1.5-2.7	25	26	38		T0-252
RU40E32L	N	Y	40	1-2.5	45	9	15		T0-252
RU3560L	N	N	40	1.5-2.5	50	13	18		T0-252
RU4068L	N	N	40	1.5-2.7	55	10	15		T0-252
RU40E80L	N	Y	40	1.3-2.5	80	4.5	5.5		T0-252
RU4089R	N	N	40	1-3	89	5	6		T0-220
RU4089L	N	N	40	1-3	89	3.2	4		T0-252
RU4090L	N	N	40	2-4	90	4			T0-252
RU4095L	N	N	40	2-4	99	3.9			T0-252
RU3582R	N	N	40	2-4	100	5			T0-220
RU3582S	N	N	40	2-4	100	5			T0-263
RU35122R	N	N	40	2-4	120	2.7			T0-220
RU35122S	N	N	40	2-4	120	2.7			T0-263
RU40120R	N	N	40	2-4	120	3.5			T0-220
RU40120M	N	N	40	2-4	120	2.7			DFN5060
RU40120S	N	N	40	2-4	120	3.5			T0-263
RU40121R	N	N	40	1-3	120	3.2	3.8		T0-220
RU40121M	N	N	40	1-3	120	3.2	3.8		DFN5060
RU40130R	N	N	40	2-4	135	3.2			T0-220
RU40150R	N	N	40	2-4	150	3			T0-220
RU40150S	N	N	40	2-4	150	3			T0-263
RU40180M	N	N	40	1-2.5	180	2.3	3		DFN5060
RU40190R	N	N	40	2-4	190	2.5			T0-220
RU40190S	N	N	40	2-4	190	2.5			T0-263
RU40190Q2	N	N	40	2-4	190	2.5			T0-3P
RU40191S	N	N	40	2-4	190	1.8			T0-263
RU4099R	N	N	40	2-4	200	2.8			T0-220
RU4099Q	N	N	40	2-4	200	2.8			T0-247
RU40220R	N	N	40	2-4	220	2.3			T0-220
RU40230R	N	N	40	2-4	230	2.3			T0-220
RU40230S	N	N	40	2-4	230	2.3			T0-263
RU40231R	N	N	40	1-3	230	2.3	3.5		T0-220
RU40231Q2	N	N	40	1-3	230	2.3	3.5		T0-3P
RU40280R	N	N	40	2-4	280	1.8			T0-220
RU55200Q	N	N	55	2-4	200	3.3			T0-247
RU55110R	N	N	55	2-4	110	5			T0-220
RU55111R	N	N	55	1-2.5	110	5	7		T0-220

## Trench MOSFET

### N-MOSFET Catalog ( $V_{DS}$ :N60V-N68V)

Part NO.	Channel	ESD Diode	VDSS (V)	VTH (V)	IDS (A) @T A=25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
						10V	4.5V	2.5V	
RU60E2B	N	N	60	1-3	0.3	2250	2700		SOT23
2N7002	N	N	60	1-2.5	0.5	4500	5250		SOT23
2N7002K	N	Y	60	1.35	0.2	2500	2500		SOT23
RU60E5H	N	Y	60	1.5-2.7	5	60	70		SOP-8
RU60E5D	N	Y	60	1.5-2.7	5	58	70		SOT223
RU60D5H	Dual-N	Y	60	1-3	5.4	32	40		SOP-8
RU60E6H	N	Y	60	1.5-2.7	6	31	37		SOP-8
RU60E16R	N	Y	60	1.5-2.7	16	60	75		T0-220
RU60E16L	N	Y	60	1.5-2.7	16	60	75		T0-252
RU60E25R	N	Y	60	2-4	25	35			T0-220
RU60E25L	N	Y	60	1.5-2.7	25	35	42		T0-252
RU60E25K	N	Y	60	1.5-2.7	25	30	40		T0-251
RU602B	N	N	60	2-4	1.5	220			SOT23
RU6010H	N	Y	60	1-3	10	12	14		SOP-8
RU6050R	N	N	60	2-4	50	10			T0-220
RU6050L	N	N	60	2-4	50	10			T0-252
RU6050S	N	N	60	2-4	50	10			T0-263
RU6051K	N	N	60	1-3	50	10	12		T0-251
RU6051M	N	N	60	1-3	50	10	12		DFN5060
RU6055R	N	N	60	2-4	60	9			T0-220
RU6055L	N	N	60	2-4	60	10			T0-252
RU6055S	N	N	60	2-4	60	9			T0-263
RU6888M	N	N	60	2-4	62	7			DFN5060
RU6070L	N	N	60	2-4	70	6			T0-252
RU6080L	N	N	60	2-4	80	7			T0-252
RU6085H	N	N	60	1-3	20	6	6.5		SOP-8
RU6085L	N	N	60	1-3	80	6	6.5		T0-252
RU6085M	N	N	60	1-3	80	6	6.5		DFN5060
RU6075R	N	N	60	2-4	90	5.5			T0-220
RU60101R	N	N	60	2-4	100	7			T0-220
RU6099R	N	N	60	2-4	120	6			T0-220
RU6099S	N	N	60	2-4	120	6			T0-263
RU60120R	N	N	60	2-4	125	5.5			T0-220
RU60100R	N	N	60	2-4	130	4			T0-220
RU60190R	N	N	60	2-4	190	3.7			T0-220
RU6199R	N	N	60	2-4	200	2.8			T0-220
RU6199Q	N	N	60	2-4	200	2.8			T0-247
RU60200R	N	N	60	2-4	230	2.5			T0-220
RU60280R	N	N	60	2-4	280	2.2			T0-220
RU60450Q	N	N	60	2-4	450	1.3			T0-247
RU6580R	N	N	65	2-4	80	7.5			T0-220
RU65110R	N	N	65	2-4	110	6			T0-220
RU65120R	N	N	65	2-4	120	4.5			T0-220
RU68130R	N	N	65	2-4	130	4.5			T0-220
RU6881R	N	N	68	2-4	86	6.5			T0-220
RU6888R	N	N	68	2-4	88	6			T0-220
RU6888S	N	N	68	2-4	88	6			T0-263

## Trench MOSFET

### N-MOSFET Catalog ( $V_{DS}$ :N70V-N85V)

Part NO.	Channel	ESD Diode (Y/N)	VDSS (V)	VTH (V)	IDS (A)@TA =25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
						10V	4.5V	2.5V	
RU70E4H	N	Y	70	1.5-2.7	4	80	90		SOP-8
RU70E4D	N	Y	70	1-2.5	4	80	90		SOT223
RU70E15L	N	Y	70	1.5-2.7	15	90	100		T0-252
RU7080L	N	N	70	2-4	80	5.7			T0-252
RU7088R	N	N	70	2-4	80	6.5			T0-220
RU7089R	N	N	70	2-4	80	5.5			T0-220
RU7085R	N	N	70	2-4	85	6			T0-220
RU70100R	N	N	70	2-4	100	4.5			T0-220
RU70140R	N	N	70	2-4	140	4.3			T0-220
RU70190R	N	N	70	2-4	190	4.2			T0-220
RU70200R	N	N	70	2-4	200	2.8			T0-220
RU7550S	N	N	75	2-4	55	11			T0-263
RU7550R	N	N	75	2-4	55	11			T0-220
RU7570L	N	N	75	2-4	70	9			T0-252
RU75N08R	N	N	75	2-4	80	8			T0-220
RU75N08S	N	N	75	2-4	80	8			T0-263
RU75N08L	N	N	75	2-4	80	8			T0-252
RU7580R	N	N	75	2-4	80	8			T0-220
RU7581R	N	N	75	2-4	81	7.5			T0-220
RU7582R	N	N	75	2-4	82	7.5			T0-220
RU7582S	N	N	75	2-4	82	7.5			T0-263
RU75110R	N	N	75	2-4	110	5.5			T0-220
RU75110S	N	N	75	2-4	110	5.5			T0-263
RU75110Q	N	N	75	2-4	110	5.5			T0-247
RU75150R	N	N	75	2-4	148	5.5			T0-220
RU75170R	N	N	75	2-4	150	5			T0-220
RU75170S	N	N	75	2-4	150	5			T0-263
RU75210S	N	N	75	2-4	210	3.5			T0-263
RU75210Q	N	N	75	2-4	210	3.5			T0-247
RU75210R	N	N	75	2-4	210	3.5			T0-220
RU75230S	N	N	75	2-4	230	2.6			T0-263
RU75240R	N	N	75	2-4	240	2.6			T0-220
RU75260Q	N	N	75	2-4	260	2.8			T0-247
RU75400Q	N	N	75	2-4	400	1.5			T0-247
RU7588R	N	N	80	2-4	80	7			T0-220
RU80T4H	Dual-N	Y	80	0.4-1	4	70	80	90	SOP-8
RU8048R	N	N	80	2-4	48	13			T0-220
RU8048S	N	N	80	2-4	48	13			T0-263
RU8048L	N	N	80	2-4	48	13			T0-252
RU8080S	N	N	80	2-4	80	9			T0-263
RU80100S	N	N	80	2-4	100	5.5			T0-263
RU80100R	N	N	80	2-4	100	5.5			T0-220
RU190N08R	N	N	80	2-4	190	3.9			T0-220
RU190N08S	N	N	80	2-4	190	3.9			T0-263
RU190N08Q	N	N	80	2-4	190	3.9			T0-247
RU80190R	N	N	80	2-4	190	3.1			T0-220
RU8099R	N	N	85	2-4	90	8			T0-220
RU8590R	N	N	85	2-4	90	5.8			T0-220
RU8590S	N	N	85	2-4	90	5.8			T0-263

## Trench MOSFET

### N-MOSFET Catalog ( $V_{DS}$ :N100V-N200V)

Part NO.	Channel	ESD Diode	VDSS (V)	VTH (V)	IDS (A) @T A=25°C	RDS (ON) (mΩ) Typ. at			Package
						10V	4.5V	2.5V	
RU1HE3H	N	Y	100	1.5-2.7	3	135	150		SOP-8
RU1HE3D	N	Y	100	1.5-2.7	3	130	140		SOT223
RU1HE4H	N	Y	100	1.5-2.7	4	72	80		SOP-8
RU1HE4D	N	Y	100	1.5-2.7	4	72	80		SOT223
RU1H7H	N	N	100	2-4	6	40			SOP-8
RU1HE12L	N	Y	100	1.5-2.7	12	145	160		T0-252
RU1HE16L	N	Y	100	1.5-2.7	16	70	85		T0-252
RU1HT3H	Dual-N	Y	100	1-2.5	3	110	120		SOP-8
RU1H20H	N	N	100	1.5-2.7	20	15	24		SOP-8
RU1H36R	N	N	100	2-4	32	34			T0-220
RU1H36L	N	N	100	2-4	32	34			T0-252
RU1H36S	N	N	100	2-4	32	34			T0-263
RU1H35L	N	N	100	2-4	40	21			T0-252
RU1H35S	N	N	100	2-4	40	21			T0-263
RU1H35K	N	N	100	2-4	40	21			T0-251
RU1H35R	N	N	100	2-4	40	21			T0-220
RU1H35Q	N	N	100	2-4	40	21			T0-247
RU1H40L	N	N	100	1.5-3	40	22	28		T0-252
RU1H40M	N	N	100	1.5-3	40	22	28		DFN5060
RU3710S	N	N	100	2-4	60	14			T0-263
RU3710R	N	N	100	2-4	60	14			T0-220
RU1H60R	N	N	100	1-3	60	17	18.5		T0-220
RU1H100R	N	N	100	2-4	75	11			T0-220
RU1088R	N	N	100	2-4	80	10			T0-220
RU1H80R	N	N	100	2-4	80	9			T0-220
RU1H130R	N	N	100	2-4	130	7			T0-220
RU1H130S	N	N	100	2-4	130	7			T0-263
RU1H130Q	N	N	100	2-4	130	7			T0-247
RU140N10R	N	N	100	2-4	140	6.5			T0-220
RU1H140R	N	N	100	2-4	140	7			T0-220
RU1H150R	N	N	100	2-4	150	3.5			T0-220
RU1H150S	N	N	100	2-4	150	3.5			T0-263
RU1H150Q	N	N	100	2-4	150	3.5			T0-247
RU1H160R	N	N	100	2-4	160	6			T0-220
RU1H180R	N	N	100	2-4	180	4.5			T0-220
RU1H180S	N	N	100	2-4	180	4.5			T0-263
RU190N10R	N	N	100	2-4	190	6.5			T0-220
RU190N10S	N	N	100	2-4	190	6.5			T0-263
RU190N10Q	N	N	100	2-4	190	6.5			T0-247
RU1H190R	N	N	100	2-4	190	5			T0-220
RU1H190S	N	N	100	2-4	190	5			T0-263
RU1H220R	N	N	100	2-4	220	4.2			T0-220
RU1H220Q	N	N	100	2-4	220	4.2			T0-247
RU1H221R	N	N	100	2-4	220	4.4			T0-220
RU1H221Q	N	N	100	2-4	220	4.4			T0-247
RU1H300Q	N	N	100	2-4	300	3			T0-247
RU1H301Q	N	N	100	2-4	300	3.5			T0-247
RU12150Q	N	N	120	2-4	150	8.5			T0-247
RU12150R	N	N	120	2-4	150	8.5			T0-220
RU12200R	N	N	120	2-4	200	5.8			T0-220
RU1Z40L	N	N	150	2-4	40	26			T0-252

RU80N15R	N	N	150	2-4	80	31			T0-220
RU80N15S	N	N	150	2-4	80	31			T0-263
RU80N15Q	N	N	150	2-4	80	31			T0-247
RU120N15R	N	N	150	2-4	120	15			T0-220
RU120N15Q	N	N	150	2-4	120	15			T0-247
RU1Z120R	N	N	150	2.5-4.5	120	11			T0-220
RU1Z121R	N	N	150	3-5	120	11			T0-220
RU1Z150R	N	N	150	2.5-4.5	150	8.8			T0-220
RU1Z150S	N	N	150	2.5-4.5	150	8.8			T0-263
RU1Z200Q	N	N	150	2.5-4.5	200	5.5			T0-247
RU2HE2D	N	Y	200	2-4	1.2	950	1000		SOT223
RU2HE5L	N	Y	200	2-4	4.2	1000	1100		T0-252
RU2H30R	N	N	200	2-4	30	75			T0-220
RU2H30S	N	N	200	2-4	30	75			T0-263
RU2H30Q	N	N	200	2-4	30	75			T0-247
RU2H35R	N	N	200	2-4	40	41			T0-220
RU2H35S	N	N	200	2-4	40	41			T0-263
RU2H35Q	N	N	200	2-4	40	41			T0-247
RU2H50S	N	N	200	2-4	60	36			T0-263
RU2H50Q	N	N	200	2-4	60	34			T0-247
RU2H50R	N	N	200	2-4	60	36			T0-220
RU2H80R	N	N	200	2-4	80	20			T0-220
RU2H100R	N	N	200	2-4	100	26			T0-220
RU2H100Q	N	N	200	2-4	100	26			T0-247



## Internally insulated with Ruichips package patent Catalog

Part NO.	Channel	ESD Diode (Y/N)	VDSS (V)	VTH (V)	IDS (A)@TA =25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
RU6099R3	N	N	60	2-4	120	6			T0-220S
RU65110R3	N	N	65	2-4	110	6			T0-220S
RU68130R3	N	N	65	2-4	130	4.5			T0-220S
RU6888R3	N	N	68	2-4	88	6			T0-220S
RU7088R3	N	N	70	2-4	80	6.5			T0-220S
RU75N08R3	N	N	75	2-4	80	8			T0-220S
RU75110R3	N	N	75	2-4	110	5.5			T0-220S
RU75150R3	N	N	75	2-4	148	5.5			T0-220S
RU75210R3	N	N	75	2-4	210	3.5			T0-220S
RU7588R3	N	N	80	2-4	80	7			T0-220S
RU8099R3	N	N	85	2-4	90	8			T0-220S
RU1H130R3	N	N	100	2-4	130	7			T0-220S
RU1H140R3	N	N	100	2-4	140	7			T0-220S
RU1Z120R3	N	N	150	2.5-4.5	120	11			T0-220S

## High-Performance-Advanced Trench MOSFET Catalog

Part NO.	Channel	ESD Diode	VDSS (V)	VTH (V)	IDS (A) @ TA=25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
						10V	4.5V	2.5V	
RUH3020L	N	N	30	1-3	20	16	21		T0-252
RUH3025H	N	N	30	1-3	25	3.5	5.5		SOP-8
RUH3030M2	N	N	30	1-3	30	6	9.5		DFN3333
RUH30D18H	Dual-N	N	30	1-3	18	17	28		SOP-8
RUH30D20H	Dual-N	N	30	1-3	20	9	13		SOP-8
RUH30J30M	Dual-N	N	30	1-3	30	7	10		DFN5060
RUH30J51M	Dual-N	N	30	1-2.5	50	4.2	6		DFN5060
RUH3051M	N	N	30	1-2.5	50	4.2	6		DFN5060
RUH3051L	N	N	30	1-3	50	4.8	6.8		T0-252
RUH3051M2	N	N	30	1-2	50	4.2	6		DFN3333
RUH30100M	Dual-N	N	30	1-2.5	90	2.7	3.5		DFN5060
RUH3090L	N	N	30	1-2.5	90	3	4.5		T0-252
RUH30120M	N	N	30	1-2.5	120	2	2.5		DFN5060
RUH30120L	N	N	30	1-2.5	120	2	2.5		T0-252
RUH30140M	N	N	30	1-3	140	1.5	2.2		DFN5060
RUH30150M	N	N	30	1-2.5	150	0.9	1.4		DFN5060
RUH4020H	N	N	40	1-3	20	6.5	10		SOP-8
RUH4040M2	N	N	40	1-2	40	5.5	8		DFN3333
RUH4060K	N	N	40	1-3	55	6.5	8		T0-251
RUH4060L	N	N	40	1-3	55	6.5	8		T0-252
RUH4080M	N	N	40	1-2.5	80	3.5	4.5		DFN5060
RUH4080L	N	N	40	1-2.5	80	3.5	4.5		T0-252
RUH40130M	N	N	40	1-3	130	1.9	2.7		DFN5060
RUH40130L	N	N	40	1-3	130	2.1	2.9		T0-252
RUH40130R	N	N	40	1-3	130	1.9	2.7		T0-220
RUH40140M	N	N	40	1-3	140	1.4	1.9		DFN5060
RUH6020H	N	N	60	1-3	20	5	6.5		SOP-8
RUH60100M	N	N	60	1-3	100	2.6	3.6		DFN5060
RUH60100R	N	N	60	1-3	100	2.6	3.6		T0-220
RUH8015H	N	N	80	2-4	15	8			SOP-8
RUH8080H	N	N	80	1-3	80	5.2	6.5		SOP-8
RUH1H20H	N	N	100	1-3	20	12	15		SOP-8

## Super-Junction MOSFET Catalog

Part NO.	Channel	ESD Diode	VDSS (V)	VTH (V)	IDS (A) @TA =25°C	RDS (ON) (mΩ) Typ. at VGS=			Package
						10V	4.5V	2.5V	
RU65R2KP	N	N	650V	2-4	1.8	2000			T0-220F
RU65R2KL	N	N	650V	2-4	1.8	2000			T0-252
RU65R900P	N	N	650V	2-4	4	900			T0-220F
RU65R900L	N	N	650V	2-4	4	900			T0-252
RU65R740P	N	N	650V	2-4	7	740			T0-220F
RU65R740L	N	N	650V	2-4	7	740			T0-252
RU65R580P	N	N	650V	2-4	10	580			T0-220F
RU65R580L	N	N	650V	2-4	10	580			T0-252
RU65R340P	N	N	650V	2-4	12	340			T0-220F
RU65R340L	N	N	650V	2-4	12	340			T0-252