

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	
AIC916P4GD6B	P	N	-16	-0.6	-4		70	100	DFN-6 (2x2)
AIC916P8GD6B	P	N	-16	-1.1--0.4	-8		33	40	DFN-6 (2x2)
AIC920P7GU3	P	N	-20	-1.1--0.4	-5		20	30	SOT23-3
AIC920P7GU6	P	N	-20	-1.1--0.4	-5		20	30	SOT23-6
AIC920P17GQ8A	P	N	-20	-1.1--0.4	-10		11	13	PDFN-8 (3.3x3.3)
AIC920P4GU3	P	N	-20	-1.1--0.4	-4		40	55	SOT23-3
AIC920P3GU3P	P	N	-20	-1--0.5	-3		80	110	SOT23P-3
AIC920P4GU6	P	N	-20	-1.1--0.4	-4		40	55	SOT23-6
AIC920P18GE3	P	N	-20	-1--0.4	-18		30	45	TO252-3
AIC930P4GU3	P	N	-25	-1.3--0.5	-4	45	55	75	SOT23-3
AIC930P4GU3P	P	N	-25	-1.3--0.5	-4	50	60	80	SOT23P-3
AIC930P3GU3P	P	N	-30	-2.5--1	-3.5	50	80		SOT23P-3
AIC930P4GU6	P	N	-30	-3--1	-4	50	75		SOT23-6
AIC930S4GS8	Dual-P	N	-30	-2.5--1	-4.8	50	80		SOP-8
AIC930S5GS8	Dual-P	N	-30	-2.5--1	-5	38	56		SOP-8
AIC930S15GS8	Dual-P	N	-30	-2.5--1	-15	15	22		SOP-8
AIC930P4GS8	P	N	-30	-2.5--1	-5	50	80		SOP-8
AIC930P5GS8	P	N	-30	-2.5--1	-5.5	38	55		SOP-8
AIC930P5GY3	P	N	-30	-2.5--1	-5.5	38	55		SOT223-3
AIC930L15GS8	P	Y	-30	-2.5--1	-14.5	13	22		SOP-8
AIC930L30GQ8A	P	Y	-30	-2.5--1	-30	12	20		PDFN-8 (3.3x3.3)
AIC930L40GQ8A	P	Y	-30	-2.5--1	-40	8	10		PDFN-8 (3.3x3.3)
AIC930L70GE3	P	Y	-30	-2.5--1	-70	5.5	9		TO252-3
AIC930C8GS8	N+P	Y	±30	1.2-1.8	8	12	16		SOP-8
				-1.8--1.2	-7	18	25		
AIC930C10GS8	N+P	Y	±30	1.2-1.8	8	12	16		SOP-8
				-1.8--1.2	-7	15	20		

Trench MOSFET

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

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	
AIC9207GU3	N	N	20	0.5-1.5	6		10	15	SOT23-3
AIC92030GQ8A	N	N	20	0.5-1.5	30		14	17	PDFN-8 (3.3x3.3)
AIC9205GU3P	N	N	20	0.5-1.5	5		30	38	SOT23P-3
AIC98205GU6	Dual-N	N	20	0.5-1.5	6		22	30	SOT23-6
AIC98205GL8	Dual-N	N	20	0.5-1.5	6		21	30	TSSOP-8
AIC98205BGU6	Dual-N	N	20	0.5-1.5	6		16	18	SOT23-6
AIC98205BGL8	Dual-N	N	20	0.5-1.5	6		16	18	TSSOP-8
AIC93012GD6B	N	N	30	0.9-1.8	12	14	25		DFN-6 (2x2)
AIC930D20GQ8B	Dual-N	N	30	1-2.5	20	15	21		PDFN-8 (3.3x3.3)
AIC930D20GS8	Dual-N	N	30	1-2.5	20	10	12		SOP-8
AIC93030GQ8A	N	N	30	1.2-2.5	30	10	15		PDFN-8 (3.3x3.3)
AIC930J30GQ8C	Dual-N	N	30	1.2-2.5	30	7	9.5		PDFN-8 (5x6)
AIC93040GQ8A	N	N	30	0.9-1.8	40	5.8	8.2	16.8	PDFN-8 (3.3x3.3)
AIC93041GQ8A	N	N	30	0.9-1.8	40	4.2	5.5	10	PDFN-8 (3.3x3.3)
AIC930J41GQ8C	Dual-N	N	30	1.2-2.5	40	4	5.5		PDFN-8 (5x6)
AIC93060GE3	N	N	30	1.5-2.7	53	9	13		TO252-3
AIC93060GF3	N	N	30	1.5-2.7	53	9	13		TO251-3
AIC93065GE3	N	N	30	1-1.5	65	4	6		TO252-3
AIC93070GQ8D	N	N	30	1-2.5	70	3.8	5		PDFN-8 (5x6)
AIC93070GQ8A	N	N	30	1-2	70	3	3.6		PDFN-8 (3.3x3.3)
AIC93070GE3	N	N	30	1-3	70	3.3	5		TO252-3
AIC93075GE3	N	N	30	1-3	75	4.5	7		TO252-3
AIC93075GT3	N	N	30	1-2.5	75	5	6.5		TO220-3
AIC93080GQ8D	N	N	30	1-2.5	80	2.3	3		PDFN-8 (5x6)
AIC93089GQ8D	N	N	30	1-3	89	3.8	5		PDFN-8 (5x6)
AIC93080GE3	N	N	30	2-4	90	2.6			TO252-3
AIC93091GQ8D	N	N	30	1-3	90	2.8	3.4		PDFN-8 (5x6)
AIC930120GE3	N	N	30	1-3	120	2.5	3.3		TO252-3
AIC930120GT3	N	N	30	1-3	120	2.5	3.3		TO220-3
AIC930120GM3	N	N	30	1-3	120	2.5	3.3		TO263-3
AIC930160GT3	N	N	30	2-4	160	2.3			TO220-3
AIC930200GQ8D	N	N	30	1-2.5	200	1.6	2		PDFN-8 (5x6)
AIC930230GT3	N	N	30	1-3	230	2	2.5		TO220-3
AIC930291GT3	N	N	30	1-3	290	1.8	2.6		TO220-3
AIC930300GT3	N	N	30	2-4	300	1.7			TO220-3

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

Part NO.	Channel	ESD Diode (Y/N)	VDSS(V)	VTH(V)	IDS(A)@T A=25°C	RDS(ON)(mΩ) Typ.at			Package
						10V	VGS= 4.5V	2.5V	
AIC93520GS8	N	N	40	1.5-2.7	9	14	21		SOP-8
AIC940E25GE3	N	Y	40	1.5-2.7	25	26	38		TO252-3
AIC940E32GE3	N	Y	40	1-2.5	45	9	15		TO252-3
AIC93560GE3	N	N	40	1.5-2.5	50	13	18		TO252-3
AIC94068GE3	N	N	40	1.5-2.7	55	10	15		TO252-3
AIC940E80GE3	N	Y	40	1.3-2.5	80	4.5	5.5		TO252-3
AIC94089GT3	N	N	40	1-3	89	5	6		TO220-3
AIC94089GE3	N	N	40	1-3	89	3.2	4		TO252-3
AIC93582GT3	N	N	40	2-4	100	5			TO220-3
AIC93582GM3	N	N	40	2-4	100	5			TO263-3
AIC940120GT3	N	N	40	2-4	120	3.5			TO220-3
AIC940120GQ8D	N	N	40	2-4	120	2.7			PDFN-8 (5x6)
AIC940120GM3	N	N	40	2-4	120	3.5			TO263-3
AIC940121GT3	N	N	40	1-3	120	3.2	3.8		TO220-3
AIC940121GQ8D	N	N	40	1-3	120	3.2	3.8		PDFN-8 (5x6)
AIC940130GT3	N	N	40	2-4	135	3.2			TO220-3
AIC940180GQ8D	N	N	40	1-2.5	180	2.3	3		PDFN-8 (5x6)
AIC940190GT3	N	N	40	2-4	190	2.5			TO220-3
AIC940190GM3	N	N	40	2-4	190	2.5			TO263-3
AIC940190GI3	N	N	40	2-4	190	2.5			TO3P-3
AIC940191GM3	N	N	40	2-4	190	1.8			TO263-3
AIC94099GT3	N	N	40	2-4	200	2.8			TO220-3
AIC94099GR3	N	N	40	2-4	200	2.8			TO247-3
AIC940220GT3	N	N	40	2-4	220	2.3			TO220-3
AIC955200GR3	N	N	55	2-4	200	3.3			TO247-3
AIC955110GT3	N	N	55	2-4	110	5			TO220-3
AIC955111GT3	N	N	55	1-2.5	110	5	7		TO220-3

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

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	
2N7002GU3P	N	N	60	1-2.5	0.5	4500	5250		SOT23P-3
2N7002KGU3P	N	Y	60	1.35	0.2	2500	2500		SOT23P-3
AIC960E25GE3	N	Y	60	1.5-2.7	25	35	42		TO252-3
AIC9602GU3P	N	N	60	2-4	1.5	220			SOT23P-3
AIC96050GT3	N	N	60	2-4	50	10			TO220-3
AIC96050GE3	N	N	60	2-4	50	10			TO252-3
AIC96055GT3	N	N	60	2-4	60	9			TO220-3
AIC96055GE3	N	N	60	2-4	60	10			TO252-3
AIC96055GM3	N	N	60	2-4	60	9			TO263-3
AIC96888GQ8D	N	N	60	2-4	62	7			PDFN-8 (5x6)
AIC96070GE3	N	N	60	2-4	70	6			TO252-3
AIC96080GE3	N	N	60	2-4	80	7			TO252-3
AIC96085GS8	N	N	60	1-3	20	6	6.5		SOP-8
AIC96085GQ8D	N	N	60	1-3	80	6	6.5		PDFN-8 (5x6)
AIC96099GT3	N	N	60	2-4	120	6			TO220-3
AIC96099GM3	N	N	60	2-4	120	6			TO263-3
AIC960100GT3	N	N	60	2-4	130	4			TO220-3
AIC96199GT3	N	N	60	2-4	200	2.8			TO220-3
AIC96199GR3	N	N	60	2-4	200	2.8			TO247-3
AIC960200GT3	N	N	60	2-4	230	2.5			TO220-3
AIC965110GT3	N	N	65	2-4	110	6			TO220-3
AIC965120GT3	N	N	65	2-4	120	4.5			TO220-3
AIC968130GT3	N	N	65	2-4	130	4.5			TO220-3
AIC96881GT3	N	N	68	2-4	86	6.5			TO220-3
AIC96888GT3	N	N	68	2-4	88	6			TO220-3
AIC96888GM3	N	N	68	2-4	88	6			TO263-3

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

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	
AIC97080GE3	N	N	70	2-4	80	5.7			TO252-3
AIC97088GT3	N	N	70	2-4	80	6.5			TO220-3
AIC97089GT3	N	N	70	2-4	80	5.5			TO220-3
AIC97085GT3	N	N	70	2-4	85	6			TO220-3
AIC970190GT3	N	N	70	2-4	190	4.2			TO220-3
AIC97550GM3	N	N	75	2-4	55	11			TO263-3
AIC97550GT3	N	N	75	2-4	55	11			TO220-3
AIC97570GE3	N	N	75	2-4	70	9			TO252-3
AIC975N08GT3	N	N	75	2-4	80	8			TO220-3
AIC975N08GM3	N	N	75	2-4	80	8			TO263-3
AIC975N08GE3	N	N	75	2-4	80	8			TO252-3
AIC97580GT3	N	N	75	2-4	80	8			TO220-3
AIC975110GT3	N	N	75	2-4	110	5.5			TO220-3
AIC975110GM3	N	N	75	2-4	110	5.5			TO263-3
AIC975110GR3	N	N	75	2-4	110	5.5			TO247-3
AIC97588GT3	N	N	80	2-4	80	7			TO220-3
AIC9190N08GT3	N	N	80	2-4	190	3.9			TO220-3
AIC9190N08GM3	N	N	80	2-4	190	3.9			TO263-3
AIC9190N08GR3	N	N	80	2-4	190	3.9			TO247-3
AIC98590GT3	N	N	85	2-4	90	5.8			TO220-3
AIC98590GM3	N	N	85	2-4	90	5.8			TO263-3

Super-Junction 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	
AIC965R740GT3F	N	N	650V	2-4	7	740			TO220F-3
AIC965R740GE3	N	N	650V	2-4	7	740			TO252-3
AIC965R340GT3F	N	N	650V	2-4	12	340			TO220F-3