

# INTERFET Transistors, Diodes and Resistors

Transistors

InterFET

## SILICON JUNCTION FIELD-EFFECT TRANSISTORS (JFET)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	InterFET Part No.	Package	Drain-Source Current (mA)	Drain-Source Breakdown Voltage(V)	Gate-Source Breakdown Voltage (V)	Power Dissipation (mW)	RDS (ON) (Ω)	Input Capacitance (pF)	Forward Transconductance (Min.) (uS)	Price Each				
										1	10	100	500	
<b>N-Channel</b>														
106-2N4117A	2N4117A	TO-72	0.09	10	40	300	-	3	70	9.20	7.54	6.25	5.70	
106-PN4117	PN4117	TO-92	0.09	10	40	300	-	3	210	2.29	1.85	1.48	1.29	
106-PN4117A	PN4117A	TO-92	0.09	10	40	300	-	3	210	2.91	2.34	1.92	1.72	
106-2N4118A	2N4118A	TO-72	0.24	10	40	300	-	3	80	9.00	7.37	6.12	5.58	
106-2N4119A	2N4119A	TO-72	0.6	10	40	300	-	3	100	8.25	6.76	5.61	5.11	
106-IFND89	IFND89	SC70-5	1	3.3	15	250	-	5	600	2.22	1.80	1.44	1.26	
106-J201	J201	TO-92	1	20	40	360	-	4	500	3.30	2.65	2.18	1.96	
106-2N4220	2N4220	TO-72	3	15	30	300	-	6	1000	8.45	6.92	5.74	5.24	
106-2N4220A	2N4220A	TO-72	3	15	30	300	-	6	1000	8.85	7.25	6.02	5.48	
106-J204	J204	TO-92	3	20	40	360	-	4	500	3.13	2.52	2.07	1.86	
106-J202	J202	TO-92	4.5	20	40	360	-	4	1000	3.13	2.52	2.07	1.86	
106-2N4093	2N4093	TO-18	5	10	40	300	80	16	-	7.75	6.35	5.27	4.80	
106-IF4500	IF4500	SOT-23-3	5	15	20	225	-	35	15000	3.69	3.50	3.33	3.18	
106-IF4510	IF4510	SOT-23-3	5	15	20	300	-	35	15000	4.39	3.53	3.25	3.18	
106-2N4221	2N4221	TO-72	6	15	30	300	-	6	2000	7.35	6.02	5.00	4.55	
106-2N4221A	2N4221A	TO-72	6	15	30	300	-	6	2000	8.45	6.92	5.74	5.24	
106-J305	J305	TO-92	8	3	30	360	-	3	3000	2.80	2.25	1.84	1.66	
106-2N4341	2N4341	TO-18	9	15	50	300	800	7	2000	7.35	6.02	5.00	4.55	
106-J110	J110	TO-92	10	15	25	360	18	15	-	5.15	4.14	3.40	3.05	
106-J304	J304	TO-92	15	6	30	360	-	3	4500	2.84	2.30	1.84	1.61	
106-2N4092	2N4092	TO-18	15	10	40	300	50	16	-	7.75	6.35	5.27	4.80	
106-IF140	IF140	TO-72	15	15	20	375	-	3	4500	11.02	9.03	7.50	6.83	
106-IF142	IF142	SOT-23-3	15	15	20	375	-	3	3500	11.02	9.03	7.50	6.83	
106-2N4222	2N4222	TO-72	15	15	30	300	-	6	2500	7.35	6.02	5.00	4.55	
106-2N4222A	2N4222A	TO-72	15	15	30	300	-	6	2500	8.15	6.68	5.54	5.05	
106-2N4416	2N4416	TO-72	15	15	30	300	-	4	4000	7.35	6.02	5.00	4.41	
106-IF1320	IF1320	TO-236AB	20	10	20	225	-	20	15000	3.69	3.50	3.33	3.18	
106-IF1331	IF1331	SOT-23-3	20	10	20	225	-	5	10000	5.99	5.25	5.00	4.69	
106-IFN152	IFN152	TO-18	20	10	20	-	-	15	30000	9.55	7.82	6.49	5.92	
106-J309	J309	TO-92	30	4	25	360	-	1.8	10000	4.09	3.28	2.69	2.42	
106-IF3601	IF3601	TO-39	30	10	20	300	-	300	750000	19.16	16.11	14.83	12.63	
106-U309	U309	TO-52	30	10	25	500	-	2.5	10000	6.38	5.13	4.21	3.78	
106-2N4091	2N4091	TO-18	30	10	40	300	30	16	-	7.75	6.35	5.27	4.80	
106-IFN147	IFN147	TO-18	30	10	40	300	-	75	40000	7.65	6.27	5.20	4.74	
106-2N6453	2N6453	TO-72	50	10	20	360	-	25	20000	9.27	7.60	6.31	5.75	
106-2N4859	2N4859	TO-18	50	15	30	1.8	25	18	-	7.40	6.06	5.03	4.58	
106-2N4859A	2N4859A	TO-18	50	15	30	1.8	25	18	-	8.25	6.76	5.61	5.11	
106-2N4856	2N4856	TO-18	50	15	40	1.8	60	18	-	7.40	6.06	5.03	4.58	
106-U310	U310	TO-52	60	10	25	500	-	2.5	10000	7.87	6.45	5.35	4.88	
106-2N3971	2N3971	TO-18	75	10	40	300	60	25	-	7.45	6.10	5.06	4.62	
106-J108	J108	TO-92	80	15	25	360	8	15	-	4.14	3.33	2.73	2.45	
106-2N4861	2N4861	TO-18	80	15	30	1.8	60	18	-	7.75	6.35	5.27	4.80	
106-2N4861A	2N4861A	TO-18	80	15	30	1.8	60	18	-	8.25	6.76	5.61	5.11	
106-2N4858	2N4858	TO-18	80	15	40	1.8	60	18	-	7.75	6.35	5.27	4.80	
106-2N6550	2N6550	TO-46	100	10	20	400	-	30	25000	8.02	6.57	5.45	4.97	
106-2N4860A	2N4860A	TO-18	100	15	30	1.8	40	18	-	8.25	6.76	5.61	5.11	
106-2N4857	2N4857	TO-18	100	15	40	1.8	60	18	-	7.65	6.27	5.20	4.74	
106-IF9030	IF9030	TO-52	300	10	20	300	-	60	80000	16.74	14.08	12.95	11.04	
<b>N-Channel Dual</b>														
106-U232	U232	TO-71	5	10	50	300	-	6	3000	12.12	9.93	8.24	7.51	
106-IFN860	IFN860	TO-71	10	10	20	400	-	30	25000	22.08	18.77	17.44	15.22	
106-IF1322A	IF1322A	SOIC-8	25	10	-20	480	-	-	10	23.50	19.98	18.56	16.20	
106-IF1322B	IF1322B	SOIC-8	25	10	-20	480	-	-	10	21.42	18.02	16.58	14.13	
106-IF3602	IF3602	TO-78	30	10	20	300	-	300	750000	48.33	45.24	39.20	34.77	
106-IFN146	IFN146	TO-71	30	10	40	375	-	75	40000	16.76	14.10	12.97	11.05	
106-U430	U430	TO-78	30	-	-25	500	-	5	10000	16.76	14.10	12.97	11.05	
106-2N5911	2N5911	TO-78	40	-	-25	500	-	5	10000	12.63	10.62	9.77	8.46	
106-2N5912	2N5912	TO-78	40	-	-25	500	-	5	10000	10.37	8.50	7.05	6.43	
106-U431	U431	TO-78	60	-	-25	500	-	5	10000	23.42	19.91	18.49	16.15	
<b>P-Channel</b>														
106-2N5020	2N5020	TO-18	1.2	15	50	500	-	25	-	11.01	9.26	8.52	7.26	
106-2N2608	2N2608	TO-18	4.5	10	30	2	-	5	1	7.75	6.35	5.27	4.80	
106-2N2609	2N2609	TO-18	4.5	10	30	2	-	7	25	8.15	6.68	5.54	5.05	
106-P1087	P1087	TO-92	5	15	30	360	150	45	-	2.80	2.25	1.84	1.66	
106-P1086	P1086	TO-92	10	15	30	360	75	45	-	2.80	2.25	1.84	1.66	
106-J270	J270	TO-92	15	10	30	360	-	32	6	3.41	2.74	2.25	2.02	
106-J177	J177	TO-92	20	15	30	360	250	5.5	-	4.09	3.28	2.69	2.42	
106-J271	J271	TO-92	50	10	30	360	-	32	8	3.86	3.10	2.55	2.29	
106-J174	J174	TO-92	125	15	30	360	85	5.5	-	3.30	2.65	2.18	1.96	

## POWER DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	InterFET Part No.	Package	Peak Reverse Voltage(V)	Forward Cont. Current (mA)	Forward Voltage Drop (V)	Reverse Leakage Current (pA)	Diode Capacitance (Max.) (pF)	Operating Temperature Range (°C)	Price Each					
									1	10	100	500		
<b>Single Switch</b>														
106-PAD1	PAD1	TO-18	45	50	0.8	1	0.8	-55 to +125	8.60	7.04	5.85	5.33		
106-PAD2	PAD2	TO-18	45	50	0.8	2	0.8	-55 to +125	7.65	6.27	5.20	4.74		
<b>Dual Switch</b>														
106-DPAD1	DPAD1	TO-72	45	50	0.8	1	0.8	-55 to +125	11.23	9.44	8.69	7.40		
106-DPAD5	DPAD5	TO-72	45	50	0.8	5	0.8	-55 to +125	8.80	7.21	5.98	5.45		

## VOLTAGE CONTROLLED RESISTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	InterFET Part No.	Package	Drain-Source Breakdown Voltage (V)	Gate-Source Breakdown Voltage (V)	Power Dissipation (mW)	RDS (ON) (Ω)	Input Capacitance (pF)	Gate Source Cutoff Voltage(V)	Price Each			
									1	10	100	500
106-VCR4N	VCR4N	TO-18	10	15	300	600	3	7	7.82	6.41	5.32	4.85
106-VCR7N	VCR7N	TO-72	10	15	300	8000	1.5	5	6.60	5.41	4.49	4.09
106-VCR2N	VCR2N	TO-18	15	15	300	60	7.5	3.5	9.10	7.45	6.19	5.64