

LOW POWER FIELD EFFECT TRANSISTORS
SWITCHING, N-CHANNEL FETS

Type Number	Case Style (TO—)	Geometry	•BVDgo or BVgss Min (V)	Ciss Max (pF)	Crss Max (pF)	Vgs (off) (V)		Idss (mA)		I _{gss} or •Idgo Max (nA)	R(on) Max (ohms)	T(on) Max (nS)	T(off) Max (nS)
						Min	Max	Min	Max				
KK4857	92	FN7.1	40	18.0	8.0	2.0	6.0	20.00	100.00	1.0	40	10.0	50
KK4858	92	FN7.1	40	18.0	8.0	0.8	4.0	8.00	80.00	1.0	60	20.0	100
KK4859	92	FN7.1	30	18.0	8.0	4.0	10.0	50.00	175.00	1.0	25	9.0	25
KK4860	92	FN7.1	30	18.0	8.0	2.0	6.0	20.00	100.00	1.0	40	10.0	50
KK4861	92	FN7.1	30	18.0	8.0	0.8	4.0	8.00	80.00	1.0	60	20.0	100
U200	92	FN2.5	30	30.0	8.0	0.5	3.0	3.00	25.00	10.0	150	—	—
U201	92	FN7.1	30	30.0	8.0	1.0	5.0	15.00	75.00	1.0	75	—	—
U202	92	FN7.1	30	30.0	8.0	3.0	10.0	30.00	150.00	1.0	50	—	—
U1897E	92	FN7.1	40	16.0	5.0	5.0	10.0	30.00	—	• 0.2	30	25.0	40
U1898E	92	FN7.1	40	16.0	5.0	2.0	7.0	15.00	—	• 0.2	50	35.0	60
U1899E	92	FN7.1	40	16.0	5.0	1.0	5.0	8.00	—	• 0.2	80	60.0	80
UC100	72	FN3.6	•30	5.0	3.0	1.0	5.0	2.50	7.50	0.1	600	—	—
UC105	18	FN3.6	•30	5.0	3.0	1.0	5.0	2.50	7.50	0.1	600	—	—
UC110	72	FN3.6	•30	5.0	3.0	0.5	3.0	1.00	3.00	0.1	800	—	—
UC120	72	FN5.5	•30	5.0	3.0	0.2	1.7	0.40	1.20	0.1	1300	—	—
UC130	72	FN3.6	30	5.0	3.0	0.3	1.2	0.10	0.50	0.1	2500	—	—
UC135	18	FN3.6	•30	5.0	3.0	0.3	1.2	0.10	0.50	0.1	2500	—	—
UC155	72	FN2.5	30	4.0	1.0	1.0	10.0	10.00	—	0.1	125	—	—
UC201	72	FN5.5	50	7.0	4.0	1.0	8.0	15.00	—	0.1	125	—	—
UC250	18	FN7.1	30	25.0	7.0	5.0	10.0	50.00	150.00	1.0	30	—	—
UC251	18	FN7.1	30	25.0	7.0	1.0	6.0	7.50	75.0	1.0	75	—	—
UC714E	92	FN2.5	30	8.0	4.0	1.0	8.0	2.00	20.0	1.0	500	—	—

Most of these devices are available in an epoxy TO-92 package (KK prefix) with similar electrical characteristics. Specify KB prefix for leads formed to TO-18/TO-106 pin circle configuration.

SWITCHING, N-CHANNEL FETS

Type Number	Case Style (TO—)	Geometry	•BVDgo or BVgss Min (V)	Ciss Max (pF)	Crss Max (pF)	Vgs (off) (V)		Idss (mA)		I _{gss} or •Idgo Max (nA)	R(on) Max (ohms)	T _d nS (Max)	T _r nS (Max)	T _s nS (Max)	T _f nS (Max)
						Min	Max	Min	Max						
2N4445	46	FN9.1/9	25	35	20	2.0	10.0	150	—	3.0	5.0	15.0	20.0	20.0	15
2N4446	46	FN9.1/9	25	35	20	2.0	10.0	100	—	3.0	10.0	15.0	20.0	20.0	15
2N4447	46	FN9.1/9	25	35	20	2.0	10.0	150	—	3.0	6.0	15.0	20.0	20.0	15
2N4448	46	FN9.1/9	25	35	20	2.0	10.0	100	—	3.0	12.0	15.0	20.0	20.0	15
2N5432	52	FN9.1/9	25	30	15	4.0	10.0	150	—	0.2	5.0	4.0	1.0	7.0	30
2N5433	52	FN9.1/9	25	30	15	3.0	9.0	100	—	0.2	7.0	4.0	1.0	7.0	30
2N5434	52	FN9.1/9	25	30	15	1.0	4.0	30	—	0.2	10.0	4.0	1.0	7.0	30
												T(on)	T _r	T(off)	T _f
SDF1001	52	FN9	30	25	15	4.0	10.0	100	—	0.2	7.0	4.0	1.0	6.0	30
SDF1002	52	FN9	30	25	15	2.0	6.0	50	—	0.2	10.0	4.0	1.0	6.0	30
SDF1003	52	FN9	30	25	15	1.0	4.0	30	—	0.2	15.0	5.0	2.0	8.0	30
SDF1004	52	FN9	20	30	20	4.0	10.0	100	—	1.0	7.0	4.0	1.0	6.0	30
SDF1005	52	FN9	20	30	20	2.0	7.0	50	—	1.0	10.0	4.0	1.0	6.0	30
SDF1006	52	FN9	20	30	20	1.0	5.0	30	—	1.0	15.0	5.0	2.0	8.0	30