

DIODE TRANSISTOR CO., INC.

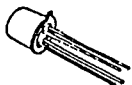
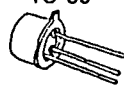
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FAX No. 201-575-5883

SILICON FIELD EFFECT TRANSISTORS—N—CHANNEL


DEVICES	PKG	DEVICES	PKG	DEVICES	PKG
2N3069	T018	2N4038	T072	2N4339	T018
2N3436	T018	2N4039	T072	2N4391	T018
2N3437	T018	2N4091	T018	2N4392	T018
2N3686	T072	2N4092	T018	2N4393	T018
2N3819	T092	2N4093	T018	2N4416	T072
2N3821	T072	2N4094	T018	2N4417	T072
2N3822	T072	2N4095	T018	2N4857	T018
2N3823	T072	2N4117A	T072	2N4859	T018
2N3824	T072	2N4118A	T072	2N4867A	T072
2N3922	T071	2N4119A	T072	2N4869A	T072
2N3934	T071	2N4220	T072	2N5397	T072
2N3935	T071	2N4221	T072	2N5432	T052
2N3955	T071	2N4222	T072	2N5434	T052
2N3956	T071	2N4223	T072	2N5564	T071
2N3957	T071	2N4224	T072	2N5566	T071
2N3958	T071	2N4303	R97B	2N6485	T071
2N3970	T018	2N4304	R97B	2N6550	T018
2N3972	T018	2N4338	T018		

SMALL SIGNAL TRANSISTORS

NPN TRANSISTORS FOR GENERAL PURPOSE RF APPLICATIONS

TYPE	MAIN FUNCTION	MAXIMUM RATINGS			TRANS. FREQ.		NOISE FIGURE			GAIN		PACKAGE
		V _{CEO} (V)	I _c (mA)	P _{tot} (mW)	f _r @ I _c (MHz)	I _c (mA)	NF AND I _c @ f (dB) (mA) (MHz)	P _G (dB)	f (MHz)			
BF155	UHF amplifier	40	20	200	800	2.5	7	2.5	800	10	800	TO-72 
BF161	UHF AGC ampl.	40	20	175	650	3	6.5	2.5	800	12	800	
BF166	VHF amplifier	40	20	175	800	3	3	3	200	18	200	
BF222	VHF amplifier	40	20	175	400	2	3	4	100	20	100	
BFR37	UHF amplifier	30	50	250	1400	10	5	3	500	14	500	
BFX89	VHF/UHF ampl.	30	25	200	1200	25	7	2	800	7	800	
BFY90	Wide band ampl.	30	25	200	1400	25	5.5	2	800	8	800	
2N918	UHF oscillator	15	50	200	900	4	5	1	60	21	200	
2N2857	VHF/UHF ampl.	15	40	200	1400	5	3.8	1.5	450	15	450	
2N3839	VHF/UHF ampl.	15	40	200	1400	5	3	1.5	450	16	450	
2N5179	VHF amplifier	12	50	200	1400	5	3	1.5	200	21	200	
2N3866	VHF/UHF ampl.	30	500	800	800	50	-	-	-	-	-	TO-39 
2N4427	VHF/UHF ampl.	20	500	5000	800	50	-	-	-	-	-	

NPN TRANSISTORS FOR MATV/CATV APPLICATIONS

TYPE	MAIN FUNCTION	MAXIMUM RATINGS			TRANS. FREQ.		NOISE FIGURE			GAIN		PACKAGE
		V _{CEO} (V)	I _c (mA)	P _{tot} (mW)	f _r @ I _c (MHz)	I _c (mA)	NF AND I _c @ f (dB) (mA) (MHz)	P _G (dB)	f (MHz)			
BFR36	VHF/UHF ampl.	30	200	800	1400	70	4.5	70	200	16	200	TO-39 
BFW16A	Wide band ampl.	25	150	700	1200	150	5	30	200	6.5	800	
BFW17A	Wide band ampl.	25	150	700	1100	150	5	30	200	16	200	
2N5109	Wide band ampl.	20	400	1000	1500	50	3	10	200	13	200	