

JFET Switches/Choppers

NATL SEMICON (DISCRETE)

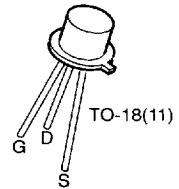
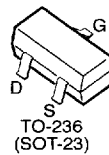
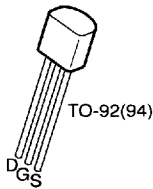
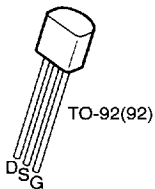
Junction FETs

P Channel

Device	BV _{GSS} (V) Min	V _P @ V _{DS} I _D				R _{DS(on)} (Ω) @ I _D		Ciss (pF) Max	Crss (pF) Max	ton (ns) Max	toff (ns) Max	Package
		(V)		(V)	(nA)	Min	(mA)					
		Min	Max									
2N5018	30		10	-15	1000	75	1	45	10	35	65	TO-18(11)
2N5019	30		5	-15	1000	150	1	45	10	90	125	TO-18(11)
MMBF5114	30	5	10	-15	1	75	1	25	7	16	21	TO-236*
2N5115	30	3	6	-15	1	100	1	25	7	30	38	TO-18(11)
MMBF5115	30	3	6	-15	1	100	1	25	7	30	38	TO-236*
2N5116	30	1	4	-15	1	150	1	25	7	42	60	TO-18(11)
MMBF5116	30	1	4	-15	1	150	1	25	7	42	60	TO-236*
MMBFJ174	30	5	10	-15	10	85	1	11	5.5	2	5	TO-236*
J174	30	5	10	-15	10	85	1	11	5.5	2	5	TO-92(94)
MMBFJ175	30	3	6	-15	10	125	0.5	11	5.5	5	10	TO-236*
J175	30	3	6	-15	10	125	0.5	11	5.5	5	10	TO-92(94)
MMBFJ176	30	1	4	-15	10	250	0.25	11	5.5	15	15	TO-236*
J176	30	1	4	-15	10	250	0.25	11	5.5	15	15	TO-92(94)
MMBFJ177	30	0.8	2.25	-15	10	300	0.1	11	5.5	20	20	TO-236*
J177	30	0.8	2.25	-15	10	300	0.1	11	5.5	20	20	TO-92(94)
P1086	30		10	-15	1000	75	1	45	10	35	65	TO-92(92)
P1087	30		5	-15	1000	150	1	45	10	90	125	TO-92(92)

* TO-236AB is standard for all devices.

Please refer to Surface Mount section for TO-236 Device Marking.



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