

## Small Signal Leaded Devices

### Field Effect Transistors

#### J-FET (cont.)

Type	Pkg	$\pm V_{DS}$ (V)	$I_{DSS}$ (mA)	$-V_{h(P)GS}$ (V)	$R_{DS(on)}$ max ( $\Omega$ )	$C_{rs}$ max (pF)	@ $V_{GS}$ (V)	$t_{off}$ (ns)
2N4859	TO-18	30	>50	4-10	25	8.0	10	25
2N4860	TO-18	30	25-100	2-6	40	8.0	10	50
2N4861	TO-18	30	8-80	0.8-4	60	8.0	10	100
BF245A/O	TO-92	30	0.5-2.1	<8	—	1.1typ	1	—
BF245A	TO-92	30	2-6.5	<8	—	1.1typ	1	—
BF245B	TO-92	30	6-15	<8	—	1.1typ	1	—
BF245C	TO-92	30	12-25	<8	—	1.1typ	1	—
BF247A	TO-92	25	30-80	<14.5	—	3.5typ	—	—
BF247B	TO-92	25	60-140	<14.5	—	3.5typ	—	—
BF247C	TO-92	25	110-250	<14.5	—	3.5typ	—	—
BF256A	TO-92	30	3-7	—	—	0.7typ	0	—
BF256B	TO-92	30	6-13	—	—	0.7typ	0	—
BF256C	TO-92	30	11-18	—	—	0.7typ	0	—
BF410A	TO-92	20	0.7-3	0.8	—	0.4	0	—
BF410B	TO-92	20	2.5-7	1.5	—	0.4	0	—
BF410C	TO-92	20	6-12	2.2	—	0.4	—	—
BF410D	TO-92	20	10-18	3	—	0.4	—	—
BFU308	TO-18	25	12-60	—	—	2.5typ	—	—
BFU309	TO-18	25	12-30	—	—	2.5typ	—	—
BFU310	TO-18	25	24-60	—	—	2.5typ	—	—
BFW10	TO-72	30	8-20	<8	—	0.8	0	—
BFW11	TO-72	30	4-10	<6	—	0.8	0	—
BFW12	TO-72	30	1-5	<2.5	—	0.8	0	—
BFW13	TO-72	30	0.2-1.5	<1.2	—	0.8	0	—
J108	TO-92	25	>80	3-10	8	15	10	6
J109	TO-92	25	>40	2-6	12	15	10	6
J110	TO-92	25	>10	0.5-4	18	15	10	6
J111	TO-92	35	20	3-10	30	5.0	10	—
J112	TO-92	35	5	1-5	50	5.0	10	—
J113	TO-92	35	2	0.5-3	100	5.0	10	—
J174	TO-92	30	20-135	5-10	85	4.0	10	15
J175	TO-92	30	7-70	3-6	125	4.0	10	30
J176	TO-92	30	2-35	1-4	250	4.0	10	35
J177	TO-92	30	1.5-20	0.8-2.25	300	4.0	10	40
J308	TO-92	25	12-60	—	—	2.5typ	—	—
J309	TO-92	25	12-60	—	—	2.5typ	—	—
J310	TO-92	25	24-60	—	—	2.5typ	—	—
PN4391	TO-92	40	50-150	4-10	30	3.5	12	20
PN4392	TO-92	40	25-75	2-5	60	3.5	7	35
PN4393	TO-92	40	5-30	0.5-3	100	3.5	5	50
PN4416	TO-92	30	5-15	—	—	0.8typ	—	—

### Field Effect Transistors

#### Dual-Gate MOSFET

Type	Pkg	$V_{DS}$ (V)	$I_{DSS}$ (mA)	$-V_{(P)GS}$ max (V)	$y_{fs}$ typ (mA/V)	NF and GP typ (dB)	@ f MHz	$C_{rs}$ typ fF	Appl	
BF960	SOT-103	20	2-20	3.5	12	2.8	16.5	800	25	UHF
BF964	SOT-103	20	2-20	2.5	17	1.5	25	200	25	VHF
BF964S	SOT-103	20	4-20	2.5	18	1.0	25	200	25	VHF
BF965	SOT-103	20	2-20	2.5	18min.	1	25	200	25	VHF
BF966	SOT-103	20	2-20	2.5	17	2.8	18	800	25	UHF
BF966S	SOT-103	20	4-20	2.5	18	1.8	18	800	25	UHF

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