

# FIELD-EFFECT TRANSISTORS (continued)

## Switches and Choppers (continued)

### N-Channel JFETs

Package TO —	Device	$r_{ds(on)}$		$V_{GS(off)}$		$I_{DSS}$		$V_{(BR)GSS}$ $V_{(BR)GDO}$	$C_{iss}$	$C_{rss}$	$t_{on}$	$t_{off}$
		( $\Omega$ ) MAX	@ $I_D$ ( $\mu A$ )	(V) MIN	(V) MAX	(mA) MIN	(mA) MAX	(V) MIN	(pF) MAX	(pF) MAX	(ns) MAX	(ns) MAX
18	2N4860A	40	—	2.0	6.0	20	100	30	10	3.5	10	40
18	2N4857	40	—	2.0	6.0	20	100	40	18	8.0	10	50
18	2N4860	40	—	2.0	6.0	20	100	30	18	8.0	10	50
18	2N4092	50	1.0	2.0	7.0	15	—	40	16	5.0	35	60
92	MPF4092	50	1.0	2.0	7.0	15	—	40	16	5.0	35	60
92	J112	50	1.0	1.0	5.0	5.0	—	35	10 <sup>t</sup>	5.0 <sup>t</sup>	13 <sup>t</sup>	35 <sup>t</sup>
18	2N4392	60	1.0	2.0	5.0	25	75	40	14	3.5	15	35
92	MPF4392	60	1.0	2.0	5.0	25	75	20	10	3.5	15	35
18	2N4858A	60	1.0	0.8	4.0	8.0	80	40	10	3.5	16	80
18	2N4861A	60	—	0.8	4.0	8.0	80	30	10	3.5	16	80
92	2N5639	60	1.0	—	(8.0) <sup>t</sup>	25	—	30	10	4.0	14	30
18	2N3971	60	1.0	2.0	5.0	25	75	40	25	6.0	30	60
18	2N4858	60	—	0.8	4.0	8.0	80	40	18	8.0	20	100
18	2N4861	60	—	0.8	4.0	8.0	80	30	18	8.0	20	100
18	2N4093	80	1.0	1.0	5.0	80	—	40	16	5.0	60	80
92	MPF4093	80	1.0	1.0	5.0	80	—	40	16	5.0	60	80
72	MPF3002	100	10 V	—	3.0	—	10	15	5.0	1.5	—	—
18	2N4393	100	1.0	0.5	3.0	5.0	30	40	14	3.5	15	50
92	MPF4393	100	1.0	0.5	3.0	5.0	30	20	10	3.5	15	55
92	2N5640	100	1.0	—	(6.0)	5.0	—	30	10	4.0	18	45
18	2N3972	100	1.0	0.5	3.0	5.0	30	40	25	6.0	80	100
92	J113	100	1.0	0.5	3.0	2.0	—	35	10 <sup>t</sup>	5.0 <sup>t</sup>	13 <sup>t</sup>	35 <sup>t</sup>
92	BF246A/247A	35 <sup>t</sup>	1.0	1.5	4.0	30	80	25	—	—	—	—
92	BF246B/247B	50 <sup>t</sup>	1.0	3.0	7.0	60	140	25	—	—	—	—
92	BF246C/247C	65 <sup>t</sup>	1.0	5.5	12.0	110	250	25	—	—	—	—
92	J107	8	—	0.5	4.5	100	—	25	—	—	—	—
92	J108	8	—	3.0	10.0	80	—	25	—	—	—	—
92	J109	12	—	2.0	6.0	40	—	25	—	—	—	—
92	J110	18	—	0.5	4.0	10	—	25	—	—	—	—

t = typical

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### Low-Frequency/Low-Noise

### P-Channel JFETs

Package TO —	Device	$R_{\theta} Y_{fs}$	$R_{\theta} Y_{os}$	$C_{iss}$	$C_{rss}$	$V_{(BR)GSS}$ $V_{(BR)GDO}$	$V_{GS(off)}$		$I_{DSS}$	
		(mmho) MIN	( $\mu$ mho) MAX	(pF) (MAX)	(pF) MAX	(V) MIN	(V) MIN	(V) MAX	(mA) MIN	(mA) MAX
72	2N3909	1.0	100	32	16	20	0.3	7.9	0.3	15
18	2N2608	1.0	17	—	—	30	1.0	4.0	0.9	4.5
92	2N5460	1.0	50	7.0	2.0	40	0.75	6.0	1.0	5.0
92	2N5463	1.0	75	7.0	2.0	60	0.5	4.0	1.0	5.0
92	2N5461	1.5	50	7.0	2.0	40	1.0	7.5	2.0	9.0
92	2N5464	1.5	75	7.0	2.0	60	0.8	4.5	2.0	9.0