



## WIDE BAND—LOW NOISE DUAL JFETs

## N-Channel JFETs

Type No.	Case Style	Operating Conditions For These Characteristics										$V_p$ (V)		$I_{DSS}$ (mA)		$G_{fs}$ (mmho)		$G_{oss}$ ( $\mu$ mho)		$I_{GSS}$ (pA) @ $V_{DG}$		$C_{iss}$ (pF)		$C_{rss}$ (pF)		BV (V)		$e_n$ (nV/√Hz) @ f		$I_{DSS}$ Match %		$G_{fs}$ Match %		$G_{oss1-2}$ ( $\mu$ mho)		$I_{G1-1}I_{G2}$ 125°C (nA)		Process No.	Pkg. No.
		Op. Char. $V_{DG}$ (V)	$I_D$ ( $\mu$ A)	$V_{GS1-2}$ (mV)	Drift ( $\mu$ V/°C) $\Delta V_{GS}$	$I_G$ (pA) Max	$G_{fs}$ ( $\mu$ mhos) Min Max	$G_{oss}$ ( $\mu$ mho) Max	CMRR (dB) Min	$V_{gs}$ (V) Min Max	Min																												
2N5564	TO-71	15	2000	5	10		7500	45				0.5	3	5	30					100	20	12	3	40	50	10	5	5							96	12			
2N5565	TO-71	15	2000	10	25		7500	45				0.5	3	5	30					100	20	12	3	40	50	10	5	10						96	12				
2N5566	TO-71	15	2000	20	50		7500	45				0.5	3	5	30					100	20	12	3	40	50	10	5	10						96	12				
2N5911	TO-78	10	5000	10	20	100	5000	10,000	100	0.3	4	1	5	7	40					100	15	5	1.2	25	20	10,000	5	5	20	20			93	24					
2N5912	TO-78	10	5000	15	40	100	5000	10,000	100	0.3	4	1	5	7	40					100	15	5	1.2	25	20	10,000	5	5	20	20			93	24					
NPD5564	8-Pin	15	2000	5	10		7500	45				0.5	3	5	30					100	20	12	3	40	50	10	5	5						96	67				
NPD5565	Mini.	15	2000	10	25		7500	45				0.5	3	5	30					100	20	12	3	40	50	10	5	10						96	67				
NPD5566	DIP	15	2000	20	50		7500	45				0.5	3	5	30					100	20	12	3	40	50	10	5	10						96	67				
U257	TO-78	10	5000	100			5000	10,000	150			1	5	5	40					100	15	5	1.2	25	30	10,000	15	15	20					93	24				

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## LOW LEAKAGE—HIGH CMRR—WIDE BAND DUAL JFETs

Type No.	Case Style	Operating Conditions For These Characteristics										$V_p$ (V)		$I_{DSS}$ (mA)		$G_{fs}$ (mmho)		$G_{oss}$ ( $\mu$ mho)		$I_{GSS}$ (pA) @ $V_{DG}$		$C_{iss}$ (pF)		$C_{rss}$ (pF)		BV (V)		$e_n$ (nV/√Hz) @ f		$I_{DSS}$ Match %		$G_{fs}$ Match %		$G_{oss1-2}$ ( $\mu$ mho)		$I_{G1-1}I_{G2}$ 125°C (nA)		Process No.	Pkg. No.
		Op. Char. $V_{DG}$ (V)	$I_D$ ( $\mu$ A)	$V_{GS1-2}$ (mV)	Drift ( $\mu$ V/°C) $\Delta V_{GS}$	$I_G$ (pA) @ $V_{DG}$	$G_{fs}$ ( $\mu$ mhos) Min Max	$G_{oss}$ ( $\mu$ mho) Max	CMRR (dB) Min	$V_{gs}$ (V) Min Max	Min																												
NDF9406	TO-71	20	200	5	5	5	700	1800	1	120	0.1	4	0.5	4	0.5	10				50	30	5	0.02	50	30	10	5	3	0.1	1			94	12					
NDF9407	TO-71	20	200	5	10	5	700	1800	1	120	0.1	4	0.5	4	0.5	10				50	30	5	0.02	50	30	10	5	3	0.1	1			94	12					
NDF9408	TO-71	20	200	10	10	5	700	1800	1	110	0.1	4	0.5	4	0.5	10				50	30	5	0.02	50	30	10	5	5	0.1	1			94	12					
NDF9409	TO-71	20	200	15	10	5	700	1800	1	110	0.1	4	0.5	4	0.5	10				50	30	5	0.02	50	30	10	5	5	0.1	1			94	12					
NDF9410	TO-71	20	200	25	25	5	700	1800	1	100	0.1	4	0.5	4	0.5	10				50	30	5	0.02	50	30	10	10	10	0.1	1			94	12					