



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} (μ 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} (μ mho)	$I_{G1}^{1-}I_{G2}^{2-}$ 125°C (nA)	Process No.	Pkg. No.	
		Op. Char. V_{DG} (V)	I_D (μ A)	V_{GS1-2} (mV)	Drift (μ V/°C) ΔV_{GS}	I_G (pA) Max	G_{fs} (μ mhos) Min Max	G_{oss} (μ mho) Max	CMRR (dB) Min	V_{gs} (V) Min Max	Min																						Max
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	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	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} (μ 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} (μ mho)	$I_{G1}^{1-}I_{G2}^{2-}$ 125°C (nA)	Process No.	Pkg. No.
		Op. Char. V_{DG} (V)	I_D (μ A)	V_{GS1-2} (mV)	Drift (μ V/°C) ΔV_{GS}	I_G (pA) @ V_{DG}	G_{fs} (μ mhos) Min Max	G_{oss} (μ mho) Max	CMRR (dB) Min	V_{gs} (V) Min Max	Min																					
NDF9406	TO-71	20	200	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	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	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	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	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

