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. **(ENESAS** 2SK435

Silicon N-Channel Junction FET WWW.DZS

查询2SK435CTZ供应商

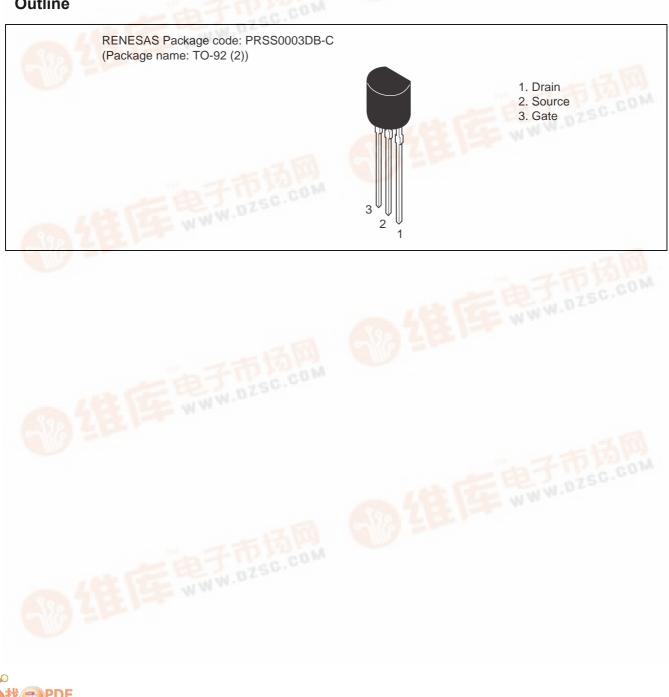
REJ03G0812-0200 (Previous ADE-208-1171) Rev.2.00 Aug.10.2005

WWW.0ZSC.CO

Application

Low frequency / High frequency amplifier

Outline



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Absolute Maximum Ratings

			$(Ta = 25^{\circ}C)$
Item	Symbol	Ratings	Unit
Drain to source voltage	V _{DS}	22	V
Gate to source voltage	V _{GSO}	-22	V
Drain current	ID	100	mA
Gate current	l _G	10	mA
Channel power dissipation	Pch	300	mW
Channel temperature	Tch	150	°C
Storage temperature	Tstg	-55 to +150	۵°

Electrical Characteristics

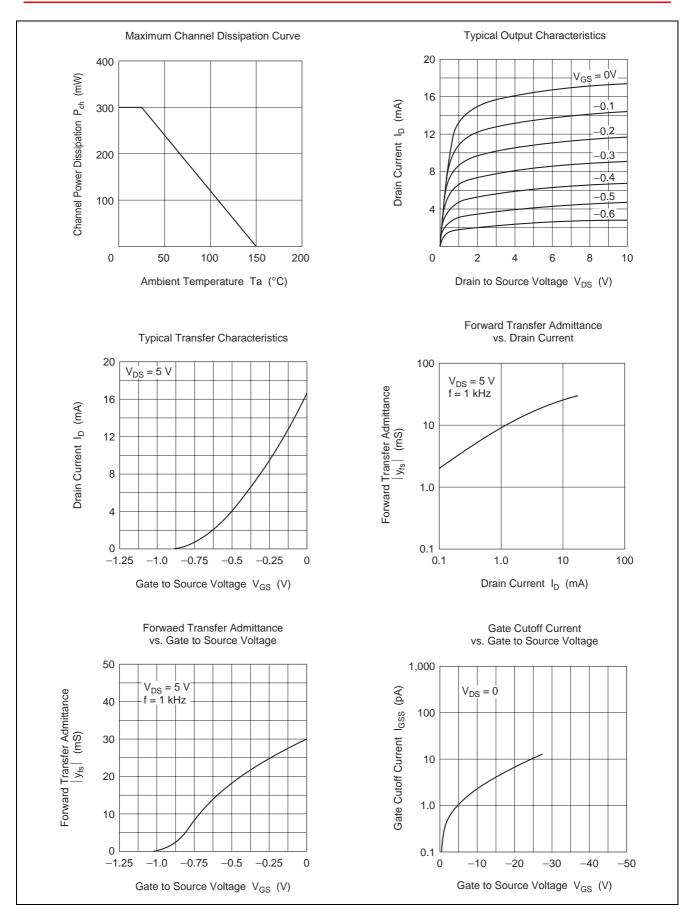
 $(Ta = 25^{\circ}C)$

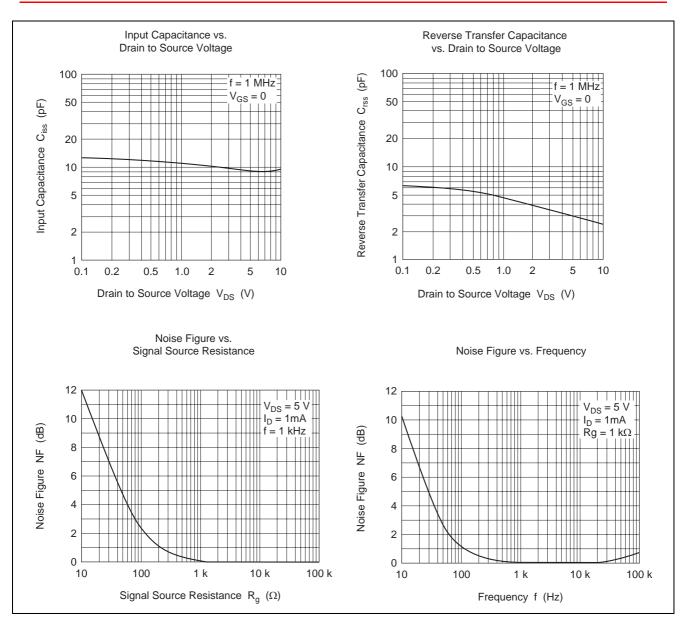
Item	Symbol	Min	Тур	Max	Unit	Test conditions
Gate to source breakdown voltage	V _{(BR)GSS}	-22	_	—	V	$I_{G} = -10 \ \mu A, V_{DS} = 0$
Gate cutoff current	I _{GSS}	—		-10	nA	$V_{GS} = -15 V, V_{DS} = 0$
Gate to source cutoff voltage	V _{GS(off)}	—	_	-2.5	V	V_{DS} = 5 V, I_{D} = 10 μ A
Drain current	I _{DSS} * ¹	12	_	30	mA	V_{DS} = 5 V, V_{GS} = 0, Pulse test
Forward transfer admittance	y _{fs}	20	—	—	mS	V _{DS} = 5 V, I _D = 10 mA, f = 1kHz
Input capacitance	Ciss	_	9.0	11.0	pF	V_{DS} = 5 V, V_{GS} = 0, f = 1MHz
Reverse transfer capacitance	Crss	—	2.8	4.0	pF	$V_{DS} = 5 V, V_{GS} = 0,$ f = 1MHz
Noise figure	NF	—	0.5	3.0	dB	V_{DS} = 5 V, I_D = 1 mA, f = 1kHz, Rg = 1k Ω

Note: 1. The 2SK435 is grouped by I_{DSS} as follows.

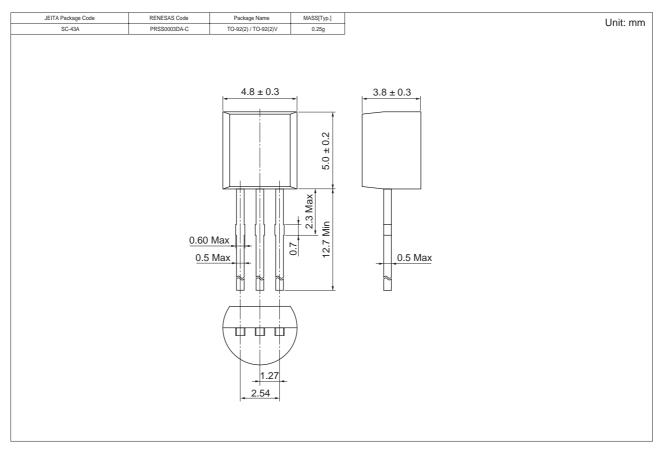
Grade	C	D
I _{DSS}	12 to 22	18 to 30

2SK435





Package Dimensions



Ordering Information

Part Name	Quantity	Shipping Container
2SK435CTZ	2500	Radial taping, Hold box
2SK435DTZ	2500	Radial taping, Hold box

Note: For some grades, production may be terminated. Please contact the Renesas sales office to check the state of production before ordering the product.

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