

# **Fukui Low Noise Microwave Transistors**

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### **The noise performance of microwave transistors -**

The noise performance of microwave transistors (1996) by H Fukui Venue: IEEE Trans low-noise amplifiers,

<http://citeseerx.ist.psu.edu/showciting?cid=1415348>

### **GaAs FET Amplifiers and Microwave Monolithic -**

GaAs FET Amplifiers and Microwave Monolithic Integrated High-frequency low-noise GaAs FETs are used H. Fukui, Optimum noise figure of microwave GaAs

[http://link.springer.com/chapter/10.1007/978-1-4899-1989-2\\_8](http://link.springer.com/chapter/10.1007/978-1-4899-1989-2_8)

### **Circuit modeling of low- noise microwave -**

Circuit modeling of low-noise microwave transistors: its role in supporting a complete device characterization Full Text Sign-In or Purchase. Sign In. Cookies

<http://ieeexplore.ieee.org/articleDetails.jsp?arnumber=1246286>

### **RF Transistors | Renesas Electronics -**

Low Noise Bipolar Transistor. Ku, and K band, making them ideal for microwave applications such as BS/CS satellite transceiver LNAs.

<http://www.renesas.com/products/microwave/transistor/index.jsp>

### **Low Noise Bipolar Transistor | Renesas -**

Renesas RF Low Noise Bipolar Transistors Product Lineup : Not only 2SC series for small signal RF amplification, but also 2SC/NE series suitable for LNA,

[http://www.renesas.com/products/microwave/transistor/low\\_biptr/index.jsp](http://www.renesas.com/products/microwave/transistor/low_biptr/index.jsp)

### **A unified approach to RF and microwave noise -**

A unified approach to RF and microwave noise parameter modeling in bipolar transistors is presented. Circuit level noise parameters including the minimum noise figure

<http://academic.research.microsoft.com/Paper/1440628.aspx>

### **Transistors - Avago -**

FET RF transistors are ideal for the first or second stage of base station LNA due to the excellent combination of low noise transistors optimized for low

<http://www.avagotech.com/products/wireless/transistors/>

### **Low- noise microwave transistors and amplifiers -**

Title: Low-noise microwave transistors and amplifiers: Authors: Fukui, H. Affiliation: AA(Bell Telephone Laboratories, Inc., Murray Hill, NJ) Publication:

<http://adsabs.harvard.edu/abs/1981ieee.book.....F>

### **LOW- NOISE MICROWAVE TRANSISTORS -**

Title : LOW-NOISE MICROWAVE TRANSISTORS. Descriptive Note : NOISE(RADIO), SILICON, TRANSISTOR AMPLIFIERS, MANUFACTURING. Subject Categories :

<http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=AD0840070>

### **Transistors - Springer -**

(1981) Low-Noise Microwave Transistors and Fukui, H. (1979) Design of microwave GaAs MESFETs for Microwave Field Effect Transistors Theory

[http://link.springer.com/chapter/10.1007/978-1-4615-2500-4\\_6](http://link.springer.com/chapter/10.1007/978-1-4615-2500-4_6)

### **Low- noise amplifier - Wikipedia, the free -**

This active antenna arrangement is frequently used in microwave of the transistor. This technique is not used in LNA design low noise figure LNA must have

[http://en.wikipedia.org/wiki/Low-noise\\_amplifier](http://en.wikipedia.org/wiki/Low-noise_amplifier)

### **Low Noise Microwave Transistors and Amplifiers -**

Low Noise Microwave Transistors and Amplifiers (Ieee Press Selected Reprint Series) [Hayao Fukui] on Amazon.com. \*FREE\* shipping on qualifying offers.

<http://www.amazon.com/Microwave-Transistors-Amplifiers-Selected-Reprint/dp/0471865893>

### **Artificial neural networks for temperature -**

Artificial neural networks for temperature dependent noise modeling of Low noise microwave transistors the empirical noise models are more often used (Fukui

<http://www.tandfonline.com/doi/full/10.1080/00207210701464634>

### **Low- Noise Microwave Transistors & Amplifiers: -**

Buy Low-Noise Microwave Transistors & Amplifiers by Hatsuaki Fukui (ISBN: ) from Amazon's Book Store. Free UK delivery on eligible orders.

<http://www.amazon.co.uk/372/dp/B004V72ELG>

### **Calculation of minimum noise figure using the -**

geometry for low noise operation. The Fukui equation provides the minimum noise figure of the transistor can be low microwave noise GaN

<http://www.sciencedirect.com/science/article/pii/S0038110101000697>

### **Hatsuaki Fukui (Author of Low Noise Microwave -**

Hatsuaki Fukui is the author of Low Noise Microwave Transistors & Amplifiers (0.0 avg rating, 0 ratings, 0 reviews)

[http://www.goodreads.com/author/show/1939901.Hatsuaki\\_Fukui](http://www.goodreads.com/author/show/1939901.Hatsuaki_Fukui)

### **State of the art in low- noise microwave -**

State of the art in low-noise microwave transistor amplifiers: FET amplifiers may compete with parametric amplifiers at 20-30 GHz because of extremely low noise

<http://adsabs.harvard.edu/abs/1976LOELe..56..345L>

### **Amplifiers ( Low Phase Noise) | Microsemi -**

Mixed Signal, Switching Power, RF Power & Microwave Low Phase Noise Amplifiers utilize MMIC's and discrete transistors with the lowest phase noise

<http://www.microsemi.com/product-directory/amplifiers-specialty-amplifiers/1519-low-phase-noise-amplifiers-0-5-40-0-ghz>

### **Low Noise Amplifiers - MACOM -**

RF Power Transistors and support a range of low noise amplifiers for RF, microwave, The low noise amplifier range of products are offered in a variety of

<http://www.macom.com/products/amplifiers/low-noise-amplifiers>

### **GaAs FET - Avago -**

high gain, and low noise. MENU. Products. Transistors; GaAs FET; Print; Depletion mode offers superior noise figure while enhancement mode offers good

<http://www.avagotech.com/products/wireless/transistors/fet/>

### **Performance characterisation of a microwave -**

The performance characterisation of a microwave transistor is carried out rigorously based amplifier designs of maximum output power and low noise. H. Fukui

<http://digital-library.theiet.org/content/journals/10.1049/iet-cds.2012.0119?fmt=download>

### **Low Noise Microwave Transistors And Amplifiers -**

Low Noise Microwave Transistors And Amplifiers (Ieee Press Selected Reprint Series) By Hayao Fukui There are numerous tomes, however mere Low Noise Microwave

<http://www.kidaroundsale.com/low-noise-microwave-transistors-and-amplifiers-ieee-press-selected-7437014.pdf>

### **The impact of the distributed RC effect on high -**

For low noise applications, the BJT device is typically biased at relatively low current density. H. Fukui; Low-noise microwave transistors and amplifiers.

<http://www.sciencedirect.com/science/article/pii/S0038110103003265>

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Fukui Low Noise Microwave Transistors on Amazon.com. \*FREE\* shipping on qualifying offers.

<http://www.amazon.com/Fukui-Low-Noise-Microwave-Transistors/dp/0471865885>

### **CiteSeerX Pseudomorphic AlGaAs/InGaAs /GaAs High -**

Pradeep Teregowda): Fully passivated low noise AlGaAs Mobility Transistors with Super Low Noise of microwave GaAs MESFET s - Fukui

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.41.7005>

### **Optimum noise measure terminations for microwave -**

II, NOVEMBER1985 Optimum Noise Measure Terminations for Microwave Transistor Fukui used (4) to Poole, A microwave low noise amplifier using

[http://www.academia.edu/8207772/Optimum\\_noise\\_measure\\_terminations\\_for\\_microwave\\_transistor\\_amplifiers](http://www.academia.edu/8207772/Optimum_noise_measure_terminations_for_microwave_transistor_amplifiers)

### **RF bipolar transistors - NXP Semiconductors -**

The latest edition to our broad RF transistor portfolio: QUBiC4 Si and SiGe:C transistors. Low noise amplifiers for microwave communications systems;

[http://www.nxp.com/products/bipolar\\_transistors/rf\\_bipolar\\_transistors/](http://www.nxp.com/products/bipolar_transistors/rf_bipolar_transistors/)

### **Hot electron noise in III-V heterojunction field -**

very low noise figures are now obtained in transistor, with its two noise sources shown in figure 1(b), Fukui H 1979 IEEE Trans. Microwave Theory and

<http://iopscience.iop.org/0268-1242/7/3B/122/pdf/ss920bc2.pdf>

### **Fukui Low Noise Microwave Transistors book | 0 -**

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