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# FOREIGN TECHNOLOGY DIVISION



SZ SERIES GaAs SUPER HIGH-SPEED LOGIC GATE  
- YOUR OPTIMUM CHOICE

HIGH TECH!    HIGH SPEED!    HIGH QUALITY!

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## HUMAN TRANSLATION

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**SZ SERIES GaAs SUPER HIGH-SPEED LOGIC GATE  
- YOUR OPTIMUM CHOICE**

**HIGH TECH! HIGH SPEED! HIGH QUALITY!**

We recommend to you the modernized, maximum speed SZ series GaAs gate products: single-gate minimum transmission delay can be lower than 150ps; single-gate minimum rise time and fall time can be lower than 150ps! Their inputs and outputs can all be connected to ECL circuits. Used together with FETs, they can drive 50 ohm load lines. Wide application in the development of advanced and large-size, super high-speed computers in high-speed information processing systems, such as optical fiber communications and digital microwave communications. The oscillation frequency of our ring oscillator can reach 500 MHz; the extracted clock frequency of our clock extraction circuit can reach 2000 MHz.....

- SZ501 three input OR NOT gate
- SZ511 three input AND NOT gate
- SZ521 four input AND OR NOT gate
- SZ531 two input exclusive OR gate

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