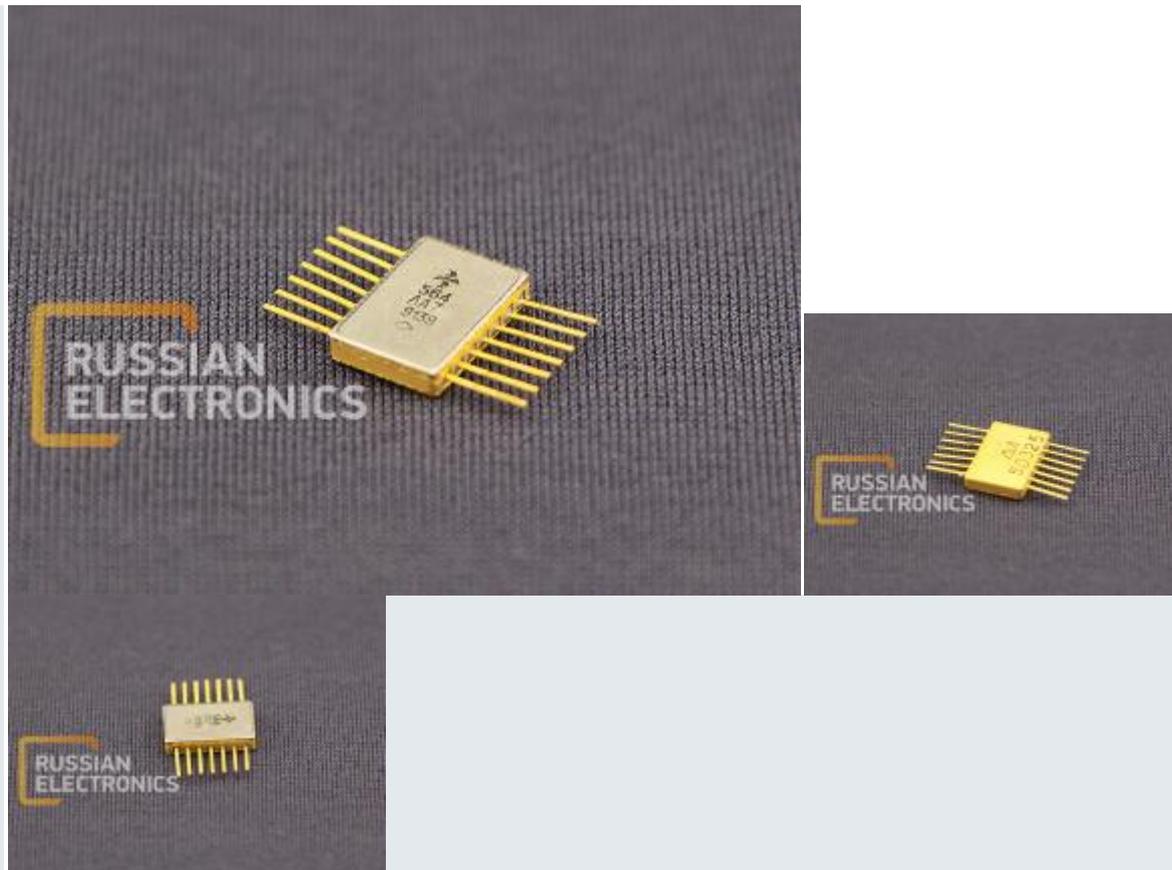


564LA7



564LA7 is a CMOS integrated circuit consisting of four NAND2 logic elements.

It contains 64 integrated elements.

Weight: less than 1 g.

Operating temperature: -60...+125°C.

Current consumption: less than 0.006 mA.

Supply voltage: 4.2-13.5 V.

Minimum shelf life of the IC when stored:

- In a heated storage space or in a space with controlled humidity and temperature, or when stored being installed in environment-protected equipment or being kept in an enclosed spares and tool kit– 25 years;
- In an unheated storage space – 16.5 years;
- Under cover or outdoors, installed in equipment (as part of an exposed facility), or in a spares and tool kit – 12.5 years.

Basic Performance Characteristics:

Supply voltage range from 4.2V to 15V

Limiting supply voltage from 0.5V to 18V

Operating temperature range from -60°C to $+125^{\circ}\text{C}$

Turn-on (turn-off) propagation delay time ≤ 160 ns at $V_{\text{CC}} = 5.0$ V, $V_{\text{IH}} = 5.0$ V, $V_{\text{IL}} = 0$ V, $C_{\text{L}} = 50$ pF, $T = 25^{\circ}\text{C}$.

Low-level output voltage ≤ 0.01 at $V_{\text{CC}} = 5.0$ V, $V_{\text{IH}} = 5.0$ V, $V_{\text{IL}} = 0$ V, $T = 25^{\circ}\text{C}$.

High-level output voltage ≥ 4.99 at $V_{\text{CC}} = 5.0$ V, $V_{\text{IH}} = 5.0$ V, $V_{\text{IL}} = 0$ V, $T = 25^{\circ}\text{C}$.

Limiting input and output voltage from -0.5 V to $(V_{\text{CC}}+0.5)$ V

You can order **564LA7** from us

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