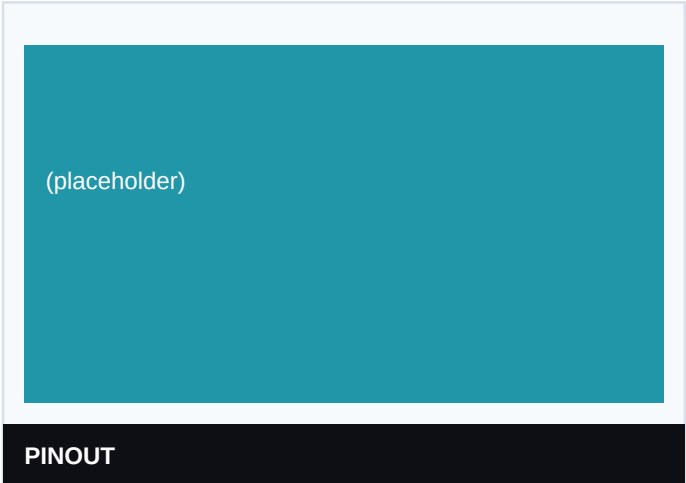
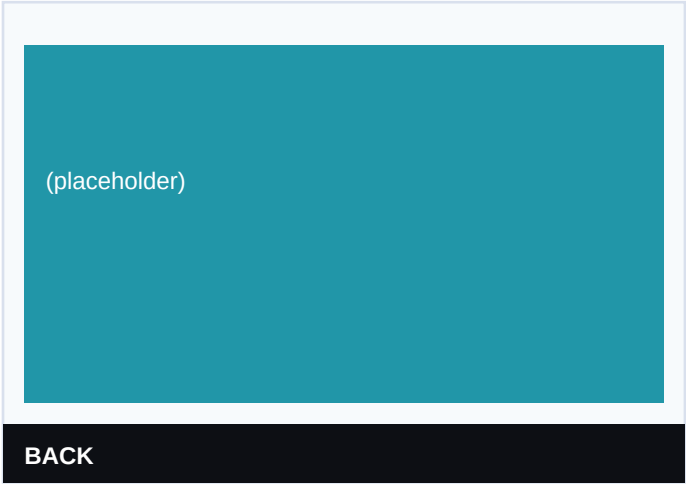


IC 74HC32 Quad 2-Input/Gate Dip

Slug: ic-74hc32-quad-2-input-gate-dip



TECHNICAL SPECIFICATIONS & SUMMARY

[Logic Gates IC] The ACT32 is an advanced high-speed CMOS QUAD 2-INPUT OR GATE fabricated with sub-micron silicon gate and double-layer metal wiring C2 MOS technology. It is ideal for low power applications maintaining high-speed operation similar to equivalent Bipolar Schottky TTL. The internal circuit is composed of 2 stages including buffer output, which enables high noise immunity and stable output. The device is designed to interface directly with High-Speed CMOS systems with TTL, NMOS, and CMOS output voltage levels. All inputs and outputs are equipped with protection circuits against static discharge, giving them 2KV ESD immunity and transient excess voltage. Features: HIGH SPEED: tPD = 4.5 ns (TYP.) at VCC = 5V LOW POWER DISSIPATION: ICC = 4 uA (MAX.) at TA = 25 C COMPATIBLE WITH TTL OUTPUTS VIH = 2V (MIN), VIL = 0.8V (MAX) 50 TRANSMISSION LINE DRIVING CAPABILITY SYMMETRICAL OUTPUT IMPEDANCE: |IOH|=IOL =24 mA (MIN) BALANCED PROPAGATION DELAYS: tPLH tPHL OPERATING VOLTAGE RANGE: VCC (OPR) =

UNIT PRICE (EX. GST)

Rs. 19

WITH 18% GST

Rs. 22

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