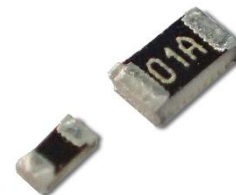




RTAN Tantalum Nitride Anti-moisture Precision Resistor with Short Lead Times

RALEIGH, NC (Apr. 4, 2023) – Current market conditions have made it more challenging to find commonly used components such as precision chip resistors. If the application requires robust stability and moisture withstanding, tantalum nitride technology is a great solution. Unfortunately, tantalum nitride resistors can have long lead times and aren't typically available from stock.



Stackpole's RTAN series is an AEC compliant precision chip resistor with many popular resistance values available from stock in the 0805 and 1206 sizes. Furthermore, the lead times on the RTAN are typically 12 – 16 weeks depending on chip size.

The RTAN's sputtered resistive element is made from tantalum nitride, providing a resistor with high stability and reliability that is also impervious to moisture. The RTAN series can therefore withstand harsh environmental conditions, especially those where high humidity or moisture is a concern. RTAN is ideal for a wide variety of precision application requirements including instrumentation, aerospace, test equipment, industrial controls, portable communications diagnostic equipment, and portable medical devices.

Pricing for the RTAN varies with size, resistance value, tolerance, and TCR. Contact Stackpole or one of our franchised distributors for specific pricing.

[RTAN Series](#)
[Tantalum Nitride Thin Film Chip Resistor](#)

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Stackpole Electronics Inc. is a leading global manufacturer of resistors supplying to the world's largest OEMs, contract manufacturers and distributors. Headquartered in Raleigh, N.C., the privately held company began manufacturing in 1928 as part of Stackpole Carbon Company in St. Mary's, Pennsylvania. Now part of the Akahane Stackpole Manufacturing Group (ASMG), Stackpole has manufacturing facilities in Japan, Taiwan, China and Mexico; warehousing facilities in El Paso, Shenzhen and Japan; and international sales offices in Tokyo, Taipei, London, Hong Kong and Shenzhen.