



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB412  
**Issue Date:** 1/16/2018  
**Effective Date:** 2/6/2018

**Description/Title:**  
New HAKKO N50B Series Nozzles

**Part No:**

Old Part Number	New Part Number
N50-01	N50B-01
N50-02	N50B-02
N50-03	N50B-03
N50-04	N50B-04
N50-05	N50B-05
N50-06	N50B-06



**Specification:**

Unchanged

**Comments:**

The Hakko N50B Series nozzles are a direct replacement for the N50 Series nozzles. Although there is a change in appearance, there is no change in performance or functionality. The N50B Series nozzles are for use with the FR-300 desoldering tool which utilizes a quick nozzle change system. The new N50B series nozzles will be offered in 6 different sizes ranging from 0.8mm to 1.6mm to accommodate various desoldering applications.

The Hakko N50 Series nozzles will be available while supplies last and will switch to the corresponding N50B part number accordingly.

For more information please visit [www.HakkoUSA.com](http://www.HakkoUSA.com) or call 1-800-88-HAKKO (42556)