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Issued: July 11th, 2017

SUB: PCN Notice

Product Type: Surface Mount Wire Wound Inductors
 NIC Series: NIN-H Series
 Product Specification: www.niccomp.com/catalog/ninh.pdf
 Notification: Product Change Notification

The following is notice of a change in the part number structure and specifications for the NIN-H series of surface mount wire wound inductors. See the table below for details on these changes.

Effective: July 11th, 2017

Reason for Changes: Standardize part number system, and product specifications to meet market requirements. Legacy part numbers will continue to be supported but not recommended for new designs. See table that follows for a list of legacy part numbers and the new alternative part numbers.

Use Quickbuilder to compare all surface mount chip inductor specifications: [Quickbuilder Search Tool](#)

Prepared by: Technical Product Marketing Group / tpmg@niccomp.com

| Legacy Part Number | New Part Number | Comments |
|--------------------|------------------|---|
| NIN-HK2N0STRF | NIN-HK2N0_TR950F | Lower IDC |
| NIN-HK2N7STRF | NIN-HK2N7_TR900F | No change to specifications |
| NIN-HK5N6JTRF | NIN-HK5N6_TR710F | Lower IDC |
| NIN-HK6N8JTRF | NIN-HK6N8_TR610F | Higher DCR, Lower IDC, |
| NIN-HK150JTRF | NIN-HK150_TR430F | Higher DCR, Lower IDC, |
| NIN-HK220JTRF | NIN-HK220_TR330F | Lower IDC |
| NIN-HK680JTRF | NIN-HK680_TR170F | Different Test Frequency, Higher DCR |
| NIN-HJ150_TRF | NIN-HJ150_TR550F | Lower IDC |
| NIN-HJ180_TRF | NIN-HJ180_TR550F | Lower IDC |
| NIN-HJ270_TRF | NIN-HJ270_TR490F | Lower IDC |
| NIN-HJ330_TRF | NIN-HJ330_TR470F | Lower IDC |
| NIN-HJ390_TRF | NIN-HJ390_TR460F | Lower IDC |
| NIN-HJ560_TRF | NIN-HJ560_TR360F | Different Q Test Frequency, Lower IDC |
| NIN-HJ680_TRF | NIN-HJ680_TR350F | Different Q Test Frequency, Lower IDC |
| NIN-HJ820_TRF | NIN-HJ820_TR300F | Different Q Test Frequency, Higher DCR, Lower IDC |
| NIN-HJR12_TRF | NIN-HJR12_TR240F | Different Q Test Frequency, Lower IDC |
| NIN-HJR15_TRF | NIN-HJR15_TR200F | Higher DCR, Lower IDC, |
| NIN-HJR18_TRF | NIN-HJR18_TR180F | Higher DCR, Lower IDC, |
| NIN-HJR22_TRF | NIN-HJR21_TR150F | Lower IDC |
| NIN-HD330_TRF | NIN-HD330_TR500F | Lower SRF |



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| Legacy Part Number | New Part Number | Comments |
|--------------------|--------------------|-----------------------------|
| NIN-HD560_TRF | NIN-HD560_TR500F | Lower Q |
| NIN-HDR10_TRF | NIN-HDR10_TR400F | Lower Q |
| NIN-HDR15_TRF | NIN-HDR15_TR400F | No change to specifications |
| NIN-HDR22_TRF | NIN-HDR22_TR400F | Higher DCR |
| NIN-HDR33_TRF | NIN-HDR33_TR310F | No change to specifications |
| NIN-HDR47_TRF | NIN-HDR47_TR250F | No change to specifications |
| NIN-HDR68_TRF | NIN-HDR62_TR200F | No change to specifications |
| NIN-HDR82_TRF | NIN-HDR68_TR190F | No change to specifications |
| NIN-HC120_TRF | NIN-HC120_TR1000F | No change to specifications |
| NIN-HC330_TRF | NIN-HC330_TR1000F | No change to specifications |
| NIN-HC390_TRF | NIN-HC390_TR1000F | Lower Q |
| NIN-HC470_TRF | NIN-HC470_TR1000F | No change to specifications |
| NIN-HC680_TRF | NIN-HC680_TR1000F | Higher DCR, Lower SRF |
| NIN-HC820_TRF | NIN-HC820_TR1000F | Lower SRF |
| NIN-HCR12_TRF | NIN-HCR12_TR650F | No change to specifications |
| NIN-HCR15_TRF | NIN-HCR15_TR580F | Lower SRF |
| NIN-HCR18_TRF | NIN-HCR18_TR620F | No change to specifications |
| NIN-HCR22_TRF | NIN-HCR22_TR500F | Lower SRF |
| NIN-HCR27_TRF | NIN-HCR27_TR500F | No change to specifications |
| NIN-HCR33_TRF | NIN-HCR33_TR450F | Lower SRF |
| NIN-HCR39_TRF | NIN-HCR39_TR470F | Lower SRF |
| NIN-HCR47_TRF | NIN-HCR47_TR470F | No change to specifications |
| NIN-HCR56_TRF | NIN-HCR56_TR400F | Lower SRF |
| NIN-HCR68_TRF | NIN-HCR68_TR400F | Lower SRF |
| NIN-HC1R0_TRF | NIN-HC1R0_TR370F | Higher DCR, Lower SRF |
| NIN-HC1R2_TRF | NIN-HC1R2_TR310F | Lower SRF |
| NIN-HC1R8_TRF | NIN-HC1R8_TR300F | Lower SRF |
| NIN-HC4R7_TRF | NIN-HC4R7_TR260F | Lower SRF |
| NIN-HE3N3_TRF | NIN-HE3N3_TR 1000F | No change to specifications |
| NIN-HE6N8_TRF | NIN-HE6N8_TR 1000F | No change to specifications |
| NIN-HE100_TRF | NIN-HE100_TR 1000F | No change to specifications |
| NIN-HE120_TRF | NIN-HE120_TR 1000F | No change to specifications |
| NIN-HE150_TRF | NIN-HE150_TR 1000F | No change to specifications |
| NIN-HE180_TRF | NIN-HE180_TR 1000F | No change to specifications |
| NIN-HE220_TRF | NIN-HE220_TR 1000F | No change to specifications |
| NIN-HE270_TRF | NIN-HE270_TR 1000F | No change to specifications |
| NIN-HE330_TRF | NIN-HE330_TR 1000F | No change to specifications |
| NIN-HE390_TRF | NIN-HE390_TR 1000F | No change to specifications |
| NIN-HE470_TRF | NIN-HE470_TR 1000F | No change to specifications |



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| NIN-HE560_TRF | NIN-HE560_TR 1000F | No change to specifications |
| NIN-HE680_TRF | NIN-HE680_TR 900F | No change to specifications |
| NIN-HE820_TRF | NIN-HE820_TR 900F | No change to specifications |
| NIN-HER10_TRF | NIN-HER10_TR 850F | No change to specifications |
| NIN-HER12_TRF | NIN-HER12_TR 800F | No change to specifications |
| NIN-HER15_TRF | NIN-HER15_TR 750F | No change to specifications |
| NIN-HER18_TRF | NIN-HER18_TR 700F | No change to specifications |
| NIN-HER22_TRF | NIN-HER22_TR 670F | No change to specifications |
| NIN-HER27_TRF | NIN-HER27_TR 630F | No change to specifications |
| NIN-HER33_TRF | NIN-HER33_TR 590F | No change to specifications |
| NIN-HER39_TRF | NIN-HER39_TR 530F | No change to specifications |
| NIN-HER47_TRF | NIN-HER47_TR 490F | No change to specifications |
| NIN-HER56_TRF | NIN-HER56_TR 460F | No change to specifications |
| NIN-HER68_TRF | NIN-HER68_TR 430F | No change to specifications |
| NIN-HER82_TRF | NIN-HER82_TR 400F | No change to specifications |
| NIN-HE1R0_TRF | NIN-HE1R0_TR 320F | No change to specifications |
| NIN-HE1R2_TRF | NIN-HE1R2_TR 300F | No change to specifications |
| NIN-HA3N9_TRF | NIN-HA3N9_TR 1000F | No change to specifications |
| NIN-HA4N7_TRF | NIN-HA4N7_TR 1000F | No change to specifications |
| NIN-HA8N2_TRF | NIN-HA8N2_TR 1000F | No change to specifications |
| NIN-HA100_TRF | NIN-HA100_TR 1000F | No change to specifications |
| NIN-HA120_TRF | NIN-HA120_TR 1000F | No change to specifications |
| NIN-HA150_TRF | NIN-HA150_TR 1000F | No change to specifications |
| NIN-HA180_TRF | NIN-HA180_TR 1000F | No change to specifications |
| NIN-HA220_TRF | NIN-HA220_TR 1000F | No change to specifications |
| NIN-HA270_TRF | NIN-HA270_TR 1000F | No change to specifications |
| NIN-HA330_TRF | NIN-HA330_TR 1000F | No change to specifications |
| NIN-HA390_TRF | NIN-HA390_TR 1000F | No change to specifications |
| NIN-HA430_TRF | NIN-HA430_TR 1000F | No change to specifications |
| NIN-HA470_TRF | NIN-HA470_TR 1000F | No change to specifications |
| NIN-HA560_TRF | NIN-HA560_TR 1000F | No change to specifications |
| NIN-HA680_TRF | NIN-HA680_TR 900F | No change to specifications |
| NIN-HA820_TRF | NIN-HA820_TR 900F | No change to specifications |
| NIN-HAR10_TRF | NIN-HAR10_TR 850F | No change to specifications |
| NIN-HAR12_TRF | NIN-HAR12_TR 800F | No change to specifications |
| NIN-HAR15_TRF | NIN-HAR15_TR 750F | No change to specifications |
| NIN-HAR18_TRF | NIN-HAR18_TR 700F | No change to specifications |
| NIN-HAR22_TRF | NIN-HAR22_TR 770F | No change to specifications |
| NIN-HAR27_TRF | NIN-HAR27_TR 630F | No change to specifications |



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| Legacy Part Number | New Part Number | Comments |
|--------------------|-------------------|-----------------------------|
| NIN-HAR33_TRF | NIN-HAR33_TR 590F | No change to specifications |
| NIN-HAR39_TRF | NIN-HAR39_TR 530F | No change to specifications |
| NIN-HAR47_TRF | NIN-HAR47_TR 490F | No change to specifications |
| NIN-HAR56_TRF | NIN-HAR56_TR 460F | No change to specifications |
| NIN-HAR68_TRF | NIN-HAR68_TR 430F | No change to specifications |
| NIN-HAR82_TRF | NIN-HAR82_TR 400F | No change to specifications |
| NIN-HA1R0_TRF | NIN-HA1R0_TR 320F | No change to specifications |
| NIN-HA1R2_TRF | NIN-HA1R2_TR 300F | No change to specifications |
| NIN-HA1R5_TRF | NIN-HA1R5_TR 310F | No change to specifications |
| NIN-HA1R8_TRF | NIN-HA1R8_TR 310F | No change to specifications |
| NIN-HA2R2_TRF | NIN-HA2R2_TR 310F | No change to specifications |
| NIN-HA2R7_TRF | NIN-HA2R7_TR 300F | No change to specifications |
| NIN-HA3R0_TRF | NIN-HA3R0_TR 300F | No change to specifications |
| NIN-HA3R9_TRF | NIN-HA3R9_TR 290F | No change to specifications |
| NIN-HA4R7_TRF | NIN-HA4R7_TR 280F | No change to specifications |
| NIN-HA5R6_TRF | NIN-HA5R6_TR 250F | No change to specifications |
| NIN-HA6R8_TRF | NIN-HA6R8_TR 230F | No change to specifications |
| NIN-HA8R6_TRF | NIN-HA8R6_TR 200F | No change to specifications |
| NIN-HB1R0_TRF | NIN-HB1R0_TR 480F | No change to specifications |
| NIN-HB1R2_TRF | NIN-HB1R2_TR 480F | No change to specifications |
| NIN-HB1R5_TRF | NIN-HB1R5_TR 430F | No change to specifications |
| NIN-HB1R8_TRF | NIN-HB1R8_TR 380F | No change to specifications |
| NIN-HB2R2_TRF | NIN-HB2R2_TR 340F | No change to specifications |
| NIN-HB2R7_TRF | NIN-HB2R7_TR 300F | No change to specifications |
| NIN-HB3R3_TRF | NIN-HB3R3_TR 270F | No change to specifications |
| NIN-HB3R9_TRF | NIN-HB3R9_TR 240F | No change to specifications |
| NIN-HB4R7_TRF | NIN-HB4R7_TR 230F | No change to specifications |
| NIN-HB5R6_TRF | NIN-HB5R6_TR 220F | No change to specifications |
| NIN-HB6R8_TRF | NIN-HB6R8_TR 210F | No change to specifications |
| NIN-HB8R2_TRF | NIN-HB8R2_TR 200F | No change to specifications |
| NIN-HB100_TRF | NIN-HB100_TR 190F | No change to specifications |
| NIN-HB120_TRF | NIN-HB120_TR 180F | No change to specifications |
| NIN-HB150_TRF | NIN-HB150_TR 170F | No change to specifications |
| NIN-HB180_TRF | NIN-HB180_TR 160F | No change to specifications |
| NIN-HB220_TRF | NIN-HB220_TR 155F | No change to specifications |
| NIN-HB270_TRF | NIN-HB270_TR 150F | No change to specifications |
| NIN-HB330_TRF | NIN-HB330_TR 145F | No change to specifications |