

# NIC COMPONENTS CORPORATION

## SURFACE MOUNT ALUMINUM ELECTROLYTIC CAPACITORS

### NACE MINI KIT

25 values/150 pcs

0.1 $\mu$ F – 1000 $\mu$ F/6.3Vdc-50Vdc

| PART NUMBER        | CAPACITANCE  | VOLTAGE | QUANTITY |
|--------------------|--------------|---------|----------|
| NACER1M50V4X5.5    | 0.1 $\mu$ F  | 50Vdc   | 5        |
| NACER22M50V4X5.5   | 0.22 $\mu$ F | 50Vdc   | 5        |
| NACER47M50V4X5.5   | 0.47 $\mu$ F | 50Vdc   | 5        |
| NACE1R0M50V4X5.5   | 1.0 $\mu$ F  | 50Vdc   | 10       |
| NACE2R2M50V4X5.5   | 2.2 $\mu$ F  | 50Vdc   | 5        |
| NACE3R3M50V4X5.5   | 3.3 $\mu$ F  | 50Vdc   | 5        |
| NACE4R7M35V4X5.5   | 4.7 $\mu$ F  | 35Vdc   | 5        |
| NACE4R7M50V5X5.5   | 4.7 $\mu$ F  | 50Vdc   | 5        |
| NACE100M16V4X5.5   | 10 $\mu$ F   | 16Vdc   | 10       |
| NACE100M35V5X5.5   | 10 $\mu$ F   | 35Vdc   | 10       |
| NACE100M50V6.3X5.5 | 10 $\mu$ F   | 50Vdc   | 5        |
| NACE220M16V5X5.5   | 22 $\mu$ F   | 16Vdc   | 5        |
| NACE220M35V6.3X5.5 | 22 $\mu$ F   | 35Vdc   | 5        |
| NACE330M25V6.3X5.5 | 33 $\mu$ F   | 25Vdc   | 5        |
| NACE470M16V6.3X5.5 | 47 $\mu$ F   | 16Vdc   | 10       |
| NACE470M35V6.3X6.3 | 47 $\mu$ F   | 35Vdc   | 5        |
| NACE470M50V6.3X8   | 47 $\mu$ F   | 50Vdc   | 5        |
| NACE101M16V6.3X5.5 | 100 $\mu$ F  | 16Vdc   | 10       |
| NACE101M35V6.3X8   | 100 $\mu$ F  | 35Vdc   | 5        |
| NACE101M50V8X10.8  | 100 $\mu$ F  | 50Vdc   | 5        |
| NACE221M16V6.3X8   | 220 $\mu$ F  | 16Vdc   | 5        |
| NACE221M35V8X10.8  | 220 $\mu$ F  | 35Vdc   | 5        |
| NACE331M25V8X10.8  | 330 $\mu$ F  | 25Vdc   | 5        |
| NACE471M16V8X10.8  | 470 $\mu$ F  | 16Vdc   | 5        |
| NACE102M6.3V8X10.8 | 1000 $\mu$ F | 6.3Vdc  | 5        |

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ISO 9002 REGISTERED

# NIC COMPONENTS CORPORATION

## SURFACE MOUNT ALUMINUM ELECTROLYTIC CAPACITORS

### NACZ SERIES KIT

20 values/120 pcs

4.7 $\mu$ F – 1000 $\mu$ F/6.3Vdc-50Vdc

| PART NUMBER        | CAPACITANCE  | VOLTAGE | QUANTITY |
|--------------------|--------------|---------|----------|
| NACZ4R7M35V4X6.3   | 4.7 $\mu$ F  | 35Vdc   | 5        |
| NACZ100M35V5X6.3   | 10 $\mu$ F   | 35Vdc   | 10       |
| NACZ220M10V5X6.3   | 22 $\mu$ F   | 10Vdc   | 10       |
| NACZ220M50V6.3X6.3 | 22 $\mu$ F   | 50Vdc   | 5        |
| NACZ330M35V6.3X6.3 | 33 $\mu$ F   | 35Vdc   | 5        |
| NACZ470M35V6.3X6.3 | 47 $\mu$ F   | 35Vdc   | 10       |
| NACZ470M50V6.3X8   | 47 $\mu$ F   | 50Vdc   | 5        |
| NACZ680M35V6.3X8   | 68 $\mu$ F   | 35Vdc   | 5        |
| NACZ101M16V6.3X6.3 | 100 $\mu$ F  | 16Vdc   | 10       |
| NACZ101M25V6.3X8   | 100 $\mu$ F  | 25Vdc   | 5        |
| NACZ101M50V8X10.8  | 100 $\mu$ F  | 50Vdc   | 5        |
| NACZ151M16V6.3X8   | 150 $\mu$ F  | 16Vdc   | 5        |
| NACZ151M35V8X10.8  | 150 $\mu$ F  | 35Vdc   | 5        |
| NACZ221M16V6.3X8   | 220 $\mu$ F  | 16Vdc   | 5        |
| NACZ221M35V8X10.8  | 220 $\mu$ F  | 35Vdc   | 5        |
| NACZ331M6.3V6.3X8  | 330 $\mu$ F  | 6.3Vdc  | 5        |
| NACZ331M25V8X10.8  | 330 $\mu$ F  | 25Vdc   | 5        |
| NACZ471M16V8X10.8  | 470 $\mu$ F  | 16Vdc   | 5        |
| NACZ681M16V10X10.8 | 680 $\mu$ F  | 16Vdc   | 5        |
| NACZ102M6.3V8X10.8 | 1000 $\mu$ F | 6.3Vdc  | 5        |

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NIC COMPONENTS CORPORATION  
SURFACE MOUNT  
CERAMIC CHIP CAPACITORS

**NMC 0402 ENGINEERING KIT**

25 values/625 pcs

1.0pF - 0.1 $\mu$ F

EIA 0402 case size

| PART NUMBER      | CAPACITANCE   | VOLTAGE | QUANTITY |
|------------------|---------------|---------|----------|
| NMC0402NPO1R0C50 | 1.0pF         | 50VDC   | 25       |
| NMC0402NPO2R7C50 | 2.7pF         | 50VDC   | 25       |
| NMC0402NPO4R7C50 | 4.7pF         | 50VDC   | 25       |
| NMC0402NPO100J50 | 10pF          | 50VDC   | 25       |
| NMC0402NPO220J50 | 22pF          | 50VDC   | 25       |
| NMC0402NPO330J50 | 33pF          | 50VDC   | 25       |
| NMC0402NPO390J50 | 39pF          | 50VDC   | 25       |
| NMC0402NPO470J50 | 47pF          | 50VDC   | 25       |
| NMC0402NPO680J50 | 68pF          | 50VDC   | 25       |
| NMC0402NPO820J50 | 82pF          | 50VDC   | 25       |
| NMC0402NPO101J50 | 100pF         | 50VDC   | 25       |
| NMC0402NPO221J25 | 220pF         | 25VDC   | 25       |
| NMC0402X7R331K25 | 330pF         | 25VDC   | 25       |
| NMC0402X7R471K50 | 470pF         | 50VDC   | 25       |
| NMC0402X7R821K25 | 820pF         | 25VDC   | 25       |
| NMC0402X7R102K50 | .001 $\mu$ F  | 50VDC   | 25       |
| NMC0402X7R222K50 | .0022 $\mu$ F | 50VDC   | 25       |
| NMC0402X7R332K50 | .0033 $\mu$ F | 50VDC   | 25       |
| NMC0402X7R472K25 | .0047 $\mu$ F | 25VDC   | 25       |
| NMC0402X7R822K16 | .0082 $\mu$ F | 16VDC   | 25       |
| NMC0402Y5P103K16 | .01 $\mu$ F   | 16VDC   | 25       |
| NMC0402Y5V223Z16 | .022 $\mu$ F  | 16VDC   | 25       |
| NMC0402X7R333K16 | .033 $\mu$ F  | 16VDC   | 25       |
| NMC0402Y5V473Z16 | .047 $\mu$ F  | 16VDC   | 25       |
| NMC0402Y5V104Z16 | 0.1 $\mu$ F   | 16VDC   | 25       |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT

### CERAMIC CHIP CAPACITORS

#### NMC 0603 ENGINEERING KIT

25 values/500 pcs

10pF - 0.33 $\mu$ F

EIA 0603 case size

| PART NUMBER      | CAPACITANCE   | VOLTAGE | QUANTITY |
|------------------|---------------|---------|----------|
| NMC0603NPO100J50 | 10pF          | 50VDC   | 20       |
| NMC0603NPO220J50 | 22pF          | 50VDC   | 20       |
| NMC0603NPO330J50 | 33pF          | 50VDC   | 20       |
| NMC0603NPO470J50 | 47pF          | 50VDC   | 20       |
| NMC0603NPO680J50 | 68pF          | 50VDC   | 20       |
| NMC0603NPO820J50 | 82pF          | 50VDC   | 20       |
| NMC0603NPO101J50 | 100pF         | 50VDC   | 20       |
| NMC0603NPO221J50 | 220pF         | 50VDC   | 20       |
| NMC0603NPO331J50 | 330pF         | 50VDC   | 20       |
| NMC0603X7R471K50 | 470pF         | 50VDC   | 20       |
| NMC0603X7R561K50 | 560pF         | 50VDC   | 20       |
| NMC0603X7R681K50 | 680pF         | 50VDC   | 20       |
| NMC0603X7R821K50 | 820pF         | 50VDC   | 20       |
| NMC0603X7R102K50 | .001 $\mu$ F  | 50VDC   | 20       |
| NMC0603X7R222K50 | .0022 $\mu$ F | 50VDC   | 20       |
| NMC0603X7R332K50 | .0033 $\mu$ F | 50VDC   | 20       |
| NMC0603X7R472K50 | .0047 $\mu$ F | 50VDC   | 20       |
| NMC0603X7R682K50 | .0068 $\mu$ F | 50VDC   | 20       |
| NMC0603X7R822K50 | .0082 $\mu$ F | 50VDC   | 20       |
| NMC0603X7R103K50 | .01 $\mu$ F   | 50VDC   | 20       |
| NMC0603Z5U223M50 | .022 $\mu$ F  | 50VDC   | 20       |
| NMC0603Z5U473M50 | .047 $\mu$ F  | 50VDC   | 20       |
| NMC0603Y5V104Z25 | 0.1 $\mu$ F   | 25VDC   | 20       |
| NMC0603Y5V224Z16 | 0.22 $\mu$ F  | 16VDC   | 20       |
| NMC0603Y5V334Z16 | 0.33 $\mu$ F  | 16VDC   | 20       |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT RESISTOR

### NRC04F ENGINEERING KIT

100 values/2500 pcs  
0 ohm – 1Meg ohms (1% tolerance)  
EIA 0402 case size

| RESISTANCE<br>VALUES | RESISTANCE<br>VALUES | RESISTANCE<br>VALUES | RESISTANCE<br>VALUES | RESISTANCE<br>VALUES |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| Zero ohm             | 215 ohms             | 953 ohms             | 5.62k ohms           | 82.5k ohms           |
| 10.0 ohms            | 243 ohms             | 1.00k ohms           | 6.81k ohms           | 90.9k ohms           |
| 10.5 ohms            | 274 ohms             | 1.10k ohms           | 10.0k ohms           | 100k ohms            |
| 20.0 ohms            | 287 ohms             | 1.21k ohms           | 12.1k ohms           | 105k ohms            |
| 33.2 ohms            | 301 ohms             | 1.27k ohms           | 13.0k ohms           | 110k ohms            |
| 49.9 ohms            | 332 ohms             | 1.30k ohms           | 14.7k ohms           | 121k ohms            |
| 75.0 ohms            | 348 ohms             | 1.40k ohms           | 15.0k ohms           | 127k ohms            |
| 82.5 ohms            | 365 ohms             | 1.47k ohms           | 16.2k ohms           | 140k ohms            |
| 100 ohms             | 402 ohms             | 1.50k ohms           | 17.4k ohms           | 169k ohms            |
| 105 ohms             | 442 ohms             | 1.62k ohms           | 20.0k ohms           | 200k ohms            |
| 110 ohms             | 475 ohms             | 1.82k ohms           | 22.1k ohms           | 221k ohms            |
| 121 ohms             | 511 ohms             | 1.91k ohms           | 24.3k ohms           | 280k ohms            |
| 127 ohms             | 576 ohms             | 2.05k ohms           | 30.1k ohms           | 332k ohms            |
| 130 ohms             | 619 ohms             | 2.15k ohms           | 34.8k ohms           | 475k ohms            |
| 140 ohms             | 649 ohms             | 2.43k ohms           | 39.2k ohms           | 511k ohms            |
| 147 ohms             | 681 ohms             | 3.01k ohms           | 43.2k ohms           | 562k ohms            |
| 162 ohms             | 715 ohms             | 3.32k ohms           | 49.9k ohms           | 681k ohms            |
| 182 ohms             | 732 ohms             | 3.92k ohms           | 56.2k ohms           | 825k ohms            |
| 191 ohms             | 806 ohms             | 4.32k ohms           | 68.1k ohms           | 909k ohms            |
| 205 ohms             | 845 ohms             | 4.99k ohms           | 75.0k ohms           | 1meg ohms            |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT RESISTOR

### NRC06F ENGINEERING KIT

100 values/2000 pcs  
0 ohm – 1Meg ohms (1% tolerance)  
EIA 0603 case size

| RESISTANCE<br>VALUES | RESISTANCE<br>VALUES | RESISTANCE<br>VALUES | RESISTANCE<br>VALUES | RESISTANCE<br>VALUES |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| Zero ohm             | 154 ohms             | 931 ohms             | 5.76k ohms           | 34.8k ohms           |
| 10.5 ohms            | 165 ohms             | 976 ohms             | 6.19k ohms           | 40.2k ohms           |
| 11.5 ohms            | 174 ohms             | 1k ohms              | 6.81k ohms           | 47.5k ohms           |
| 15.0 ohms            | 182 ohms             | 1.15k ohms           | 7.32k ohms           | 53.6k ohms           |
| 21.5 ohms            | 191 ohms             | 1.24k ohms           | 7.87k ohms           | 64.9k ohms           |
| 27.4 ohms            | 221 ohms             | 1.37k ohms           | 8.66k ohms           | 76.8k ohms           |
| 33.2 ohms            | 243 ohms             | 1.43k ohms           | 9.31k ohms           | 82.5k ohms           |
| 44.2 ohms            | 274 ohms             | 1.54k ohms           | 10k ohms             | 93.1k ohms           |
| 49.9 ohms            | 301 ohms             | 1.65k ohms           | 11.5k ohms           | 100k ohms            |
| 54.9 ohms            | 324 ohms             | 1.78k ohms           | 12.7k ohms           | 158k ohms            |
| 66.5 ohms            | 374 ohms             | 1.96k ohms           | 13.7k ohms           | 221k ohms            |
| 78.7 ohms            | 412 ohms             | 2.21k ohms           | 15.0k ohms           | 324k ohms            |
| 82.5 ohms            | 475 ohms             | 2.49k ohms           | 16.9k ohms           | 464k ohms            |
| 93.1 ohms            | 499 ohms             | 2.94k ohms           | 17.4k ohms           | 511k ohms            |
| 100 ohms             | 536 ohms             | 3.09k ohms           | 18.2k ohms           | 604k ohms            |
| 107 ohms             | 576 ohms             | 3.24k ohms           | 19.1k ohms           | 681k ohms            |
| 115 ohms             | 604 ohms             | 3.83k ohms           | 20.5k ohms           | 750k ohms            |
| 127 ohms             | 681 ohms             | 4.22k ohms           | 22.1k ohms           | 825k ohms            |
| 140 ohms             | 715 ohms             | 4.64k ohms           | 24.9k ohms           | 909k ohms            |
| 147 ohms             | 845 ohms             | 5.11k ohms           | 28.7k ohms           | 1meg ohms            |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT RESISTOR NETWORKS

### NRSNA6I4J ENGINEERING KIT

20 values/400 pcs  
Zero ohms – 1Meg ohms  
EIA 1206 case size

| PART NUMBER    | RESISTANCE | QUANTITY |
|----------------|------------|----------|
| NRSNA6I4ZOTR   | Zero OHMS  | 20       |
| NRSNA6I4J100TR | 10 OHMS    | 20       |
| NRSNA6I4J220TR | 22 OHMS    | 20       |
| NRSNA6I4J330TR | 33 OHMS    | 20       |
| NRSNA6I4J470TR | 47 OHMS    | 20       |
| NRSNA6I4J101TR | 100 OHMS   | 20       |
| NRSNA6I4J331TR | 330 OHMS   | 20       |
| NRSNA6I4J511TR | 510 OHMS   | 20       |
| NRSNA6I4J681TR | 680 OHMS   | 20       |
| NRSNA6I4J102TR | 1K OHMS    | 20       |
| NRSNA6I4J152TR | 1.5K OHMS  | 20       |
| NRSNA6I4J272TR | 2.7K OHMS  | 20       |
| NRSNA6I4J472TR | 4.7K OHMS  | 20       |
| NRSNA6I4J562TR | 5.6K OHMS  | 20       |
| NRSNA6I4J682TR | 6.8K OHMS  | 20       |
| NRSNA6I4J103TR | 10K OHMS   | 20       |
| NRSNA6I4J223TR | 22K OHMS   | 20       |
| NRSNA6I4J473TR | 47K OHMS   | 20       |
| NRSNA6I4J514TR | 510K OHMS  | 20       |
| NRSNA6I4J105TR | 1M OHMS    | 20       |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT COMPONENTS

### RF PASSIVE COMPONENT KIT

30 values/640 pcs

Surface Mount Resistors, Inductors and Ceramic Capacitors

| PART NUMBER         | VALUE      | CASE SIZE | QUANTITY |
|---------------------|------------|-----------|----------|
| NRC04J100           | 10 ohm     | 0402      | 25       |
| NRC04J200           | 20 ohm     | 0402      | 25       |
| NRC04J390           | 39 ohm     | 0402      | 25       |
| NRC04J470           | 47 ohm     | 0402      | 25       |
| NRC04J471           | 470 ohm    | 0402      | 25       |
| NRC04J681           | 680 ohm    | 0402      | 25       |
| NRC04J1K            | 1,000 ohm  | 0402      | 25       |
| NRC04J2.7K          | 2,700 ohm  | 0402      | 25       |
| NRC04J3.3K          | 3,300 ohm  | 0402      | 25       |
| NRC04J3.6K          | 3,600 ohm  | 0402      | 25       |
| NRC04J24K           | 24,000 ohm | 0402      | 25       |
| NIS04D2N2           | 2.2nH      | 0402      | 10       |
| NIS04D4N7           | 4.7nH      | 0402      | 10       |
| NIS04D15N           | 15nH       | 0402      | 10       |
| NML04J22N           | 22nH       | 0402      | 10       |
| NIN-HD12N           | 12nH       | 0805      | 10       |
| NMC-L0402NPO1R2C50  | 1.2pF      | 0402      | 25       |
| NMC-L0402NPO2R2C50  | 2.2pF      | 0402      | 25       |
| NMC-L0402NPO6R8C50  | 6.8pF      | 0402      | 25       |
| NMC-L0402NPO100J50  | 10pF       | 0402      | 25       |
| NMC-L0402NPO220J50  | 22pF       | 0402      | 25       |
| NMC-L0402NPO101J50  | 100pF      | 0402      | 25       |
| NMC-L0603NPO2R7C100 | 2.7pF      | 0603      | 20       |
| NMC-L0603NPO3R0C100 | 3.0pF      | 0603      | 20       |
| NMC-L0603NPO6R8C50  | 6.8pF      | 0603      | 20       |
| NMC-L0603NPO220J100 | 22pF       | 0603      | 20       |
| NMC-L0603NPO330J100 | 33pF       | 0603      | 20       |
| NMC-L0603NPO470J100 | 47pF       | 0603      | 20       |
| NMC-L0603NPO560J100 | 56pF       | 0603      | 20       |
| NMC0603X7R105K10    | 1.0μF      | 0603      | 20       |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT CAPACITORS

### LOW ESR CAPACITOR KIT

21 values/96 pcs

MLCC (NMC) 1 $\mu$ F ~ 22 $\mu$ F

Polymer Tantalum (NTP) 100 $\mu$ F ~ 220 $\mu$ F

Solid and Hybrid Electrolyte (NSP/NSPE/NSPZ) 82 $\mu$ F ~ 820 $\mu$ F

Liquid Electrolyte (NACZ) 470 $\mu$ F ~ 1000 $\mu$ F

| PART NUMBER         | CAPACITANCE<br>VALUE | VOLTAGE RATING | ESR $\Omega$<br>@100Khz/20°C | QUANTITY   |
|---------------------|----------------------|----------------|------------------------------|------------|
| NMC1206X7R105K16    | 1.0 $\mu$ F          | 16Vdc          | -                            | Qty: 5 pcs |
| NMC1206X5R106K6.3   | 10 $\mu$ F           | 6.3Vdc         | -                            | Qty: 5 pcs |
| NMC1210X5R226K6.3   | 22 $\mu$ F           | 6.3Vdc         | -                            | Qty: 5 pcs |
| NTP107M10 D         | 100 $\mu$ F          | 10Vdc          | 0.080                        | Qty: 5 pcs |
| NTP157M6.3 D        | 150 $\mu$ F          | 6.3Vdc         | 0.080                        | Qty: 5 pcs |
| NTP227M6.3 D        | 220 $\mu$ F          | 6.3Vdc         | 0.080                        | Qty: 5 pcs |
| NSP330M6.3D5        | 33 $\mu$ F           | 6.3Vdc         | 0.035                        | Qty: 5 pcs |
| NSP560M4D2          | 56 $\mu$ F           | 4Vdc           | 0.025                        | Qty: 5 pcs |
| NSP181M4D4          | 180 $\mu$ F          | 4Vdc           | 0.015                        | Qty: 5 pcs |
| NSP221M2D3          | 220 $\mu$ F          | 2Vdc           | 0.015                        | Qty: 5 pcs |
| NSPE101M6.3V6.3X6   | 100 $\mu$ F          | 6.3Vdc         | 0.050                        | Qty: 5 pcs |
| NSPE151M10V8x10.8   | 150 $\mu$ F          | 10Vdc          | 0.030                        | Qty: 5 pcs |
| NSPE471M6.3V10x10.8 | 470 $\mu$ F          | 6.3Vdc         | 0.025                        | Qty: 5 pcs |
| NSPE821M4V10x10.8   | 820 $\mu$ F          | 4Vdc           | 0.023                        | Qty: 5 pcs |
| NSPZ820M16V8x7      | 82 $\mu$ F           | 16Vdc          | 0.045                        | Qty: 5 pcs |
| NSPZ101M6.3V6.3x6   | 100 $\mu$ F          | 6.3Vdc         | 0.040                        | Qty: 5 pcs |
| NSPZ151M10V8x7      | 150 $\mu$ F          | 10Vdc          | 0.032                        | Qty: 5 pcs |
| NSPZ271M10V10x8     | 270 $\mu$ F          | 10Vdc          | 0.030                        | Qty: 5 pcs |
| NACZ471M16V8x10.5   | 470 $\mu$ F          | 16Vdc          | 0.170                        | Qty: 2 pcs |
| NACZ681M16V10x10.5  | 680 $\mu$ F          | 16Vdc          | 0.090                        | Qty: 2 pcs |
| NACZ102M6.3V8x10.5  | 1000 $\mu$ F         | 6.3Vdc         | 0.090                        | Qty: 2 pcs |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT INDUCTOR KIT

40 values/585pcs

1.0nH – 100μH EIA 0201 – 1812 size

| PART NUMBER  | INDUCTANCE | CASE SIZE | QTY |
|--------------|------------|-----------|-----|
| NIS02D1N0TR  | 1.0nH      | 0201      | 25  |
| NIS02D1N5TR  | 1.5nH      | 0201      | 25  |
| NIS02D2N2TR  | 2.2nH      | 0201      | 25  |
| NIS04D2N2TR  | 2.2nH      | 0402      | 20  |
| NIS04D3N9TR  | 3.9nH      | 0402      | 20  |
| NIS04D4N7TR  | 4.7nH      | 0402      | 20  |
| NML04J10NTR  | 10nH       | 0402      | 20  |
| NIN-HD120JTR | 12nH       | 0805      | 10  |
| NIS04D15NTR  | 15nH       | 0402      | 20  |
| NML04J18NTR  | 18nH       | 0402      | 20  |
| NML04J22NTR  | 22nH       | 0402      | 20  |
| NML06J27NTR  | 27nH       | 0603      | 20  |
| NML04J33NTR  | 33nH       | 0402      | 20  |
| NIN-HD330MTR | 33nH       | 0805      | 10  |
| NML04J47NTR  | 47nH       | 0402      | 20  |
| NIN-HD680KTR | 68nH       | 0805      | 10  |
| NML04JR10TR  | 100nH      | 0402      | 20  |
| NIS06JR10TR  | 100nH      | 0603      | 20  |
| NIN-HD101KTR | 100nH      | 0805      | 10  |
| NML06JR22TR  | 220nH      | 0603      | 20  |

| PART NUMBER  | INDUCTANCE | CASE SIZE | QTY |
|--------------|------------|-----------|-----|
| NIN-HD221KTR | 220nH      | 0805      | 10  |
| NIN-HC221KTR | 220nH      | 1008      | 10  |
| NIN-FCR33KTR | 330nH      | 1008      | 10  |
| NIN-HC681KTR | 680nH      | 1008      | 10  |
| NIN-FCR82MTR | 820nH      | 1008      | 10  |
| NIN-FC1R0KTR | 1.0uH      | 1008      | 10  |
| NIN-FA1R0KTR | 1.0uH      | 1210      | 10  |
| NIN-FB1R0KTR | 1.0uH      | 1812      | 10  |
| NIN-FC1R5JTR | 1.5uH      | 1008      | 10  |
| NIN-FC2R2JTR | 2.2uH      | 1008      | 10  |
| NIN-FA3R3KTR | 3.3uH      | 1210      | 10  |
| NIN-FC4R7JTR | 4.7uH      | 1008      | 10  |
| NIN-FB4R7KTR | 4.7uH      | 1812      | 10  |
| NIN-FC100JTR | 10uH       | 1008      | 10  |
| NIN-FB100KTR | 10uH       | 1812      | 10  |
| NIN-FA120KTR | 12uH       | 1210      | 10  |
| NIN-FC220JTR | 22uH       | 1008      | 10  |
| NIN-FA220JTR | 22uH       | 1210      | 10  |
| NIN-FA680JTR | 68uH       | 1210      | 10  |
| NIN-FA101KTR | 100uH      | 1210      | 10  |

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NIC COMPONENTS CORPORATION  
SURFACE MOUNT  
FERRITE CHIP BEADS

NCB SERIES KIT

18 values/120 pcs  
0603 - 3119 case size  
17 - 2000 ohms

| PART NUMBER   | IMPEDANCE @ 100Mhz | CURRENT RATING | QUANTITY |
|---------------|--------------------|----------------|----------|
| NCB-H0603R100 | 10 ohms            | 4000 mA        | 10       |
| NCB-H0603R300 | 30 ohms            | 3000 mA        | 5        |
| NCB0603R600   | 60 ohms            | 200 mA         | 5        |
| NCB0603R121   | 121 ohms           | 200 mA         | 5        |
| NCB0603R601   | 600 ohms           | 100 mA         | 10       |
| NCB0805A170   | 17 ohms            | 500 mA         | 5        |
| NCB0805A601   | 600 ohms           | 200 mA         | 10       |
| NCB0805A102   | 1000 ohms          | 200 mA         | 5        |
| NCB1206B320   | 32 ohms            | 500 mA         | 10       |
| NCB1206E600   | 60 ohms            | 200 mA         | 5        |
| NCB-H1206B680 | 68 ohms            | 3000 mA        | 5        |
| NCB1206B700   | 70 ohms            | 400 mA         | 5        |
| NCB1206B151   | 150 ohms           | 200 mA         | 5        |
| NCB1206B601   | 600 ohms           | 200 mA         | 10       |
| NCB1206B202   | 2000 ohms          | 100 mA         | 10       |
| NCB1210C800   | 80 ohms            | 400 mA         | 5        |
| NCB1806E800   | 80 ohms            | 400 mA         | 5        |
| NCB3312K900   | 90 ohms            | 5000 mA        | 5        |

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# NIC COMPONENTS CORPORATION

## SURFACE MOUNT

## FILM CHIP CAPACITORS

### NSPC MINI KIT

15 values/100 pcs

100pF - 0.1 $\mu$ F

0805 - 1913 case size

| PART NUMBER  | CAPACITANCE  | VOLTAGE | QUANTITY |
|--------------|--------------|---------|----------|
| NSPC101J50A1 | 100 pF       | 50Vdc   | 5        |
| NSPC471J50A1 | 470 pF       | 50Vdc   | 5        |
| NSPC102J50A1 | 1000 pF      | 50Vdc   | 10       |
| NSPC182G50A1 | 1800 pF      | 50Vdc   | 10       |
| NSPC332G16A1 | 3300 pF      | 16Vdc   | 5        |
| NSPC472J50B1 | 4700 pF      | 50Vdc   | 5        |
| NSPC562G16A1 | 5600 pF      | 16Vdc   | 5        |
| NSPC822J50B2 | 8200 pF      | 50Vdc   | 10       |
| NSPC103G50B2 | .01 $\mu$ F  | 50Vdc   | 5        |
| NSPC153G16B1 | .015 $\mu$ F | 16Vdc   | 5        |
| NSPC333G16B2 | .033 $\mu$ F | 16Vdc   | 5        |
| NSPC333J50C3 | .033 $\mu$ F | 50Vdc   | 10       |
| NSPC473J16B3 | .047 $\mu$ F | 16Vdc   | 5        |
| NSPC104G16C3 | .1 $\mu$ F   | 16Vdc   | 5        |
| NSPC104J50D2 | .1 $\mu$ F   | 50Vdc   | 10       |

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