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June 6th, 2010

SUB: NIC Components PCN & EOL Notifications

RE: Improved Reflow Soldering Profile

Product Type: Surface Mount Aluminum Electrolytic Capacitors – Reflow Temperature Profile

Product Series: NAZT

THE FOLLOWING IS NOTICE OF AN IMPROVEMENT IN THE REFLOW SOLDERING PROFILE AND A PART NUMBER CHANGE FOR THE REFERENCED NAZT PART NUMBERS (SEE TABLE #1 AND #2 FOR DETAILS).

NOTICE ISSUED DATE: June 1, 2010

LAST ORDER DATE: As inventory of the discontinued part numbers is depleted

REASON FOR TERMINATION: Product Improvement. No change in the product performance specifications have been made as a result of this change.

Table 1:

Old Part Number	Peak Reflow Temperature	New Part Number	Peak Reflow Temperature
NAZT222M6.3V12.5X14J SF	240°C	NAZT222M6.3V12.5X14 KSF	245°C
NAZT682M6.3V16X17 H SF	235°C	NAZT682M6.3V16X17 J SF	240°C
NAZT152M10V12.5X14J SF	240°C	NAZT152M10V12.5X14 KSF	245°C
NAZT222M10V12.5X14J SF	240°C	NAZT222M10V12.5X14 KSF	245°C
NAZT472M10V16X17 H SF	235°C	NAZT472M10V16X17 J SF	240°C
NAZT102M16V12.5X14J SF	240°C	NAZT102M16V12.5X14 KSF	245°C
NAZT152M16V12.5X14J SF	240°C	NAZT152M16V12.5X14 KSF	245°C
NAZT332M16V16X17 H SF	235°C	NAZT332M16V16X17 J SF	240°C
NAZT681M25V12.5X14J SF	240°C	NAZT681M25V12.5X14 KSF	245°C
NAZT152M25V16X17 H SF	235°C	NAZT152M25V16X17 J SF	240°C
NAZT222M25V16X17 H SF	235°C	NAZT222M25V16X17 J SF	240°C
NAZT471M35V12.5X14J SF	240°C	NAZT471M35V12.5X14 KSF	245°C
NAZT681M35V12.5X14J SF	240°C	NAZT681M35V12.5X14 KSF	245°C
NAZT102M35V16X17 H SF	235°C	NAZT102M35V16X17 J SF	240°C
NAZT152M35V16X17 H SF	235°C	NAZT152M35V16X17 J SF	240°C
NAZT331M50V12.5X14J SF	240°C	NAZT331M50V12.5X14 KSF	245°C
NAZT471M50V16X17 H SF	235°C	NAZT471M50V16X17 J SF	240°C
NAZT681M50V16X17 H SF	235°C	NAZT681M50V16X17 J SF	240°C
NAZT102M50V16X17 H SF	235°C	NAZT102M50V16X17 J SF	240°C



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Table 2:

Old Reflow Temperatures & Durations (6.3V ~ 50V only)			
Diameter	Time above 200°C	Time above 230°C	Peak Temperature 5 seconds
12.5mm ø	60 sec. max.	30 sec. max.	240°C
16mm ø	50 sec. max.	20 sec. max.	235°C
New Reflow Temperatures & Durations (6.3V ~ 50V only)			
Diameter	Time above 200°C	Time above 230°C	Peak Temperature 5 seconds
12.5mm ø	60 sec. max.	30 sec. max.	245°C
16mm ø	50 sec. max.	20 sec. max.	240°C

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