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Issued: May 11<sup>th</sup>, 2018 (Revised March 8<sup>th</sup>, 2019)  
SUB: EOL Notice

Product Type: Surface Mount Polymer Aluminum Capacitors  
NIC Series: NSP Series (Specific Part Numbers)

Notification: End of Life Notification

The following is notification of the end of life for select NSP series surface mount polymer aluminum capacitor part numbers referenced in the table below.

Effective: May 11th, 2018

Last Order Date: December 31st, 2018 for established customers with existing business on these part numbers

Last Ship Date: March 31st, 2019 for established customers with existing business on these part numbers

Reason for Discontinuation: Low Demand

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EOL Part Number	Possible Alternative	Comments
NSP680M2D5TRF	NSP680M6.3D5ATRF	Higher Voltage
NSP101M2D2ATRF	NSP221M2D6ATRF	Higher Capacitance, Higher Profile
NSP101M2D2XATRF	NSP221M2D6ATRF	Higher Capacitance, Higher Profile
NSP101M2D2ZATRF	NSP181M2D6ZATRF	Higher Capacitance, Higher Profile
NSP121M2D2ATRF	NSP221M2D6ATRF	Higher Capacitance, Higher Profile
NSP121M2D2XATRF	NSP221M2D6ATRF	Higher Capacitance, Higher Profile
NSP121M2D2ZATRF	NSP181M2D6ZATRF	Higher Capacitance, Higher Profile
NSP151M2D2ATRF	NSP221M2D6ATRF	Higher Capacitance, Higher Profile
NSP151M2D2ZATRF	NSP181M2D6ZATRF	Higher Capacitance, Higher Profile
NSP181M2D2ATRF	NSP221M2D6ATRF	Higher Capacitance, Higher Profile
NSP181M2D2ZATRF	NSP181M2D6ZATRF	N/A
NSP221M2D2ATRF	NSP221M2D6ATRF	Higher Profile
NSP221M2D2ZATRF	NSP221M2D6ATRF	Higher Profile
NSP271M2D4ATRF	NSP271M2D6ZATRF	N/A
NSP271M2D4XATRF	NSP271M2D6ZATRF	N/A
NSP331M2D3ATRF	NSP331M2D6ATRF	N/A
NSP331M2D3YATRF	NSP331M2D6ZATRF	N/A
NSP331M2D3XATRF	NSP331M2D6XATRF	N/A
NSP331M2D4ATRF	NSP331M2D6ZATRF	N/A
NSP331M2D4XATRF	NSP331M2D6ZATRF	N/A
NSP391M2D3ATRF	NSP391M2D6ATRF	N/A
NSP391M2D3YATRF	NSP391M2D6ZATRF	N/A
NSP391M2D4ATRF	NSP391M2D6ZATRF	N/A
NSP391M2D4YATRF	NSP391M2D6YATRF	N/A
NSP391M2D4XATRF	NSP391M2D6ZATRF	N/A
NSP471M2D3YATRF	NSP471M2D6ZATRF	N/A



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EOL Part Number	Possible Alternative	Comments
NSP471M2D4ATRF	NSP471M2D6ZATRF	N/A
NSP471M2D4YATRF	NSP471M2D6YATRF	N/A
NSP471M2D4XATRF	NSP471M2D6ZATRF	N/A
NSP561M2D4ATRF	NSP561M2D6ATRF	N/A
NSP561M2D4YATRF	NSP561M2D6UATRF	N/A
NSP560M2.5D5TRF	NSP680M6.3D5ATRF	Higher Capacitance, Higher Voltage
NSP820M2.5D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Voltage, Higher Profile
NSP820M2.5D2XATRF	NSP101M6.3D6ATRF	Higher Capacitance, Voltage, Higher Profile
NSP101M2.5D2ATRF	NSP101M6.3D6ATRF	Higher Voltage, Higher Profile
NSP101M2.5D2XATRF	NSP101M6.3D6ATRF	Higher Voltage, Higher Profile
NSP101M2.5D2ZATRF	NSP151M2.5D6ZATRF	Higher Capacitance, Higher Profile
NSP121M2.5D2ATRF	NSP121M6.3D6ATRF	Higher Voltage, Higher Profile
NSP121M2.5D2ZATRF	NSP151M2.5D6ZATRF	Higher Capacitance, Higher Profile
NSP151M2.5D2ATRF	NSP151M6.3D6ATRF	Higher Voltage, Higher Profile
NSP151M2.5D2ZATRF	NSP151M2.5D6ZATRF	Higher Profile
NSP221M2.5D3YATRF	NSP221M2.5D6YATRF	N/A
NSP221M2.5D3ATRF	NSP221M2.5D6ATRF	N/A
NSP221M2.5D3XATRF	NSP221M2.5D6ZATRF	N/A
NSP221M2.5D4ATRF	NSP221M2.5D6ZATRF	N/A
NSP221M2.5D4XATRF	NSP221M2.5D6ZATRF	N/A
NSP271M2.5D3ATRF	NSP331M2.5D6ATRF	N/A
NSP271M2.5D3YATRF	NSP331M2.5D6ATRF	Higher Capacitance
NSP271M2.5D4ATRF	NSP271M2.5D6YATRF	N/A
NSP271M2.5D4XATRF	NSP271M2.5D6YATRF	N/A
NSP331M2.5D4ATRF	NSP331M2.5D6ZATRF	N/A
NSP331M2.5D4YATRF	NSP331M2.5D6YATRF	N/A
NSP331M2.5D4XATRF	NSP331M2.5D6ZATRF	N/A
NSP391M2.5D4ATRF	NSP391M2.5D6ZATRF	N/A
NSP391M2.5D4YATRF	NSP391M2.5D6YATRF	N/A
NSP471M2.5D4ATRF	NSP471M2.5D6ZATRF	N/A
NSP471M2.5D4YATRF	NSP471M2.5D6YATRF	N/A
NSP390M4D5TRF	NSP680M6.3D5ATRF	Higher Capacitance, Higher Voltage
NSP470M4D5TRF	NSP680M6.3D5ATRF	Higher Capacitance, Higher Voltage
NSP560M4D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Voltage, Higher Profile
NSP560M4D2XATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Voltage, Higher Profile
NSP680M4D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Voltage, Higher Profile
NSP680M4D2XATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Voltage, Higher Profile
NSP820M4D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Voltage, Higher Profile
NSP820M4D2XATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Voltage, Higher Profile
NSP820M4D2ZATRF	NSP820M4D6ZATRF	Higher Profile
NSP101M4D2ATRF	NSP101M6.3D6ATRF	Higher Voltage, Higher Profile



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NSP121M4D3ATRF	NSP151M4D6ATRF	Higher Capacitance
NSP121M4D3XATRF	NSP151M4D6ZATRF	Higher Capacitance
NSP151M4D3ATRF	NSP151M4D6ATRF	N/A
NSP151M4D3YATRF	NSP151M4D6ZATRF	N/A
NSP151M4D3XATRF	NSP151M4D6ZATRF	N/A
NSP181M4D3ATRF	NSP181M4D6ATRF	N/A
NSP181M4D3YATRF	NSP181M4D6ZATRF	N/A
NSP181M4D4ATRF	NSP221M4D6XATRF	N/A
NSP181M4D4XATRF	NSP181M4D6ZATRF	N/A
NSP221M4D4ATRF	NSP221M4D6XATRF	N/A
NSP221M4D4YATRF	NSP221M4D6ZATRF	N/A
NSP221M4D4XATRF	NSP221M4D6ZATRF	N/A
NSP271M4D4ATRF	NSP271M4D6ATRF	Higher ESR
NSP271M4D4YATRF	NSP271M4D6ATRF	Higher ESR
NSP331M4D4ATRF	NSP331M4D6ATRF	N/A
NSP100M6.3D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Profile
NSP220M6.3D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Profile
NSP330M6.3D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Profile
NSP330M6.3D5TRF	NSP680M6.3D5ATRF	Higher Capacitance
NSP470M6.3D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Profile
NSP470M6.3D2XATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Profile
NSP560M6.3D2ZTRF	NSP121M6.3D6ZATRF	Higher Capacitance, Higher Profile
NSP680M6.3D2ATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Profile
NSP680M6.3D2XATRF	NSP101M6.3D6ATRF	Higher Capacitance, Higher Profile
NSP101M6.3D3ATRF	NSP101M6.3D6ATRF	N/A
NSP101M6.3D3XATRF	NSP101M6.3D6ATRF	N/A
NSP121M6.3D3ATRF	NSP121M6.3D6ATRF	N/A
NSP121M6.3D3XATRF	NSP121M6.3D6ZATRF	N/A
NSP151M6.3D3ATRF	NSP151M6.3D6ATRF	Higher ESR
NSP151M6.3D4ATRF	NSP151M6.3D6XATRF	N/A
NSP151M6.3D4XATRF	NSP151M6.3D6ZATRF	N/A
NSP181M6.3D4ZTRF	NSP181M6.3D6ZATRF	Higher ESR
NSP181M6.3D4ATRF	NSP181M6.3D6ZATRF	N/A
NSP181M6.3D4YTRF	NSP181M6.3D6ZATRF	N/A
NSP181M6.3D4XATRF	NSP181M6.3D6ZATRF	N/A
NSP221M6.3D4ATRF	NSP221M6.3D6ATRF	N/A
NSP8R2M8D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP150M8D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP220M8D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP220M8D5TRF	NTPH336M16D5(40)F	NTPH Series, Higher Voltage, Higher ESR
NSP330M8D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile



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NSP470M8D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Voltage, Higher Profile
NSP680M8D3ATRF	NTPS686M10D2(25)F	NTPH Series, Higher Voltage, Higher ESR
NSP101M8D3ATRF	NTPH107M16V(50)F	NTPH Series, Higher Voltage, Higher ESR
NSP101M8D4ATRF	NTPH107M16V(50)F	NTPH Series, Higher Voltage, Higher ESR
NSP101M8D4TRF	NTPH107M16V(50)F	NTPH Series, Higher Voltage, Higher ESR
NSP151M8D4ATRF	NTPH107M16V(50)F	NTPH Series, Higher Voltage, Lower Capacitance, Higher ESR
NSP220M10D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Capacitance & Higher Profile
NSP330M10D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Capacitance & Higher Profile
NSP390M10D2ATRF	NTPH476M16V(40)F	NTPH Series, Higher Capacitance & Higher Profile
NSP4R7M12.5D2TRF	NTPH226M25V(45)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP100M12.5D2TRF	NTPH226M25V(45)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP150M12.5D2TRF	NTPH226M25V(45)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP150M12.5D5TRF	NTPH226M25V(45)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP220M12.5D2TRF	NTPH226M25V(45)F	NTPH Series, Higher Voltage, Higher Profile
NSP2R2M16D2TRF	NTPH226M25V(45)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP4R7M16D2TRF	NTPH226M25V(45)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile
NSP6R8M16D2TRF	NTPH226M25V(45)F	NTPH Series, Higher Capacitance, Higher Voltage, Higher Profile