

Change Notice

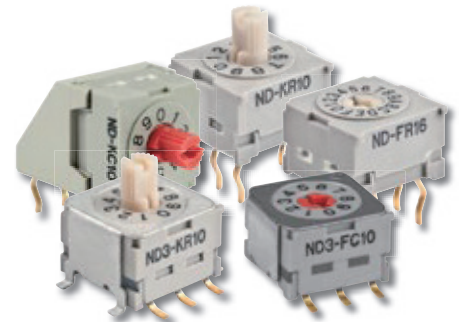
ND Series & ND3 Series

Discontinuation of ND Series Rotaries & ND3 Series SMT Rotaries

Type of Change:

- ☒ Engineering ☐ Part Number
☐ Product ☐ Appearance

NKK Switches will be discontinuing the ND Series DIP Rotaries and the ND3 Series SMT DIP Rotaries, both standard and custom models. There is a plan in place for the soon-to-be released FD01 Series Rotaries and FD02 Series SMT Rotaries as recommended products. In comparison, the new FD01 and FD02 Series have the same or less mounting area; they also have a higher heat resistance for soldering processes. The footprints and pad layouts are different from the ND and ND3 Series, and would require a redesign of the PCB layout.



ND Series & ND3 SMT Series Rotaries will be Discontinued

1. NKK Switches will be discontinuing the ND Series 8mm DIP Rotaries, both standard and custom models. The table below lists the discontinued part numbers and recommended models.

Effected Standard & Recommended Part Numbers		
Discontinued ND Part Numbers	Recommended FD01 Part Numbers	Notes
NDFR10P	FD01FR10P-S	There are some specification differences. The footprints are different.
NDFC10P	FD01FC10P-S	
NDFR16P	FD01FR16P-S	
NDFC16P	FD01FC16P-S	
NDFR10H	FD01FR10H-S	
NDFC10H	FD01FC10H-S	
NDFR16H	FD01FR16H-S	
NDFC16H	FD01FC16H-S	
NDKR10P	FD01KR10P-S	
NDKR16P	FD01KR16P-S	
NDKC10P	FD01KR10P-S	Real code is available instead of complementary code. There are some specification differences. The footprints are different.
NDKC16P	FD01KR16P-S	
NDKR10H	FD01FR10H-S	Screwdriver actuator instead of shaft actuator. There are some specification differences. The footprints are different.
NDKC10H	FD01FC10H-S	
NDKR16H	FD01FR16H-S	
NDKC16H	FD01FC16H-S	

Notes

FD01 and FD02 Series Rotaries are not direct replacements for the ND and ND3 Series Rotaries.
FD01 and FD02 Series data sheets are scheduled to be released soon.
Contact information is below if more details are needed.

Effective Dates for Change No. 1

Orders for ND Series DIP Rotaries will be accepted through November 28, 2024.
The end of sales date is March 31, 2025.

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ND Series & ND3 Series

Discontinuation of ND Series Rotaries & ND3 Series SMT Rotaries

2. NKK Switches will be discontinuing the ND3 Series 8mm SMT DIP Rotaries, both standard and custom models. The tables on pages 2 and 3 list the discontinued part numbers and recommended models.

Effected Standard & Recommended Part Numbers		
Discontinued ND3 Part Numbers	Recommended FD02 Part Numbers	Notes
ND3FR10P	FD02FR10P-S	There are some specification differences. The pad layouts are different.
ND3FC10P	FD02FC10P-S	
ND3FR16P	FD02FR16P-S	
ND3FC16P	FD02FC16P-S	
ND3FR10H	FD02FR10H-S	
ND3FC10H	FD02FC10H-S	
ND3FR16H	FD02FR16H-S	
ND3FC16H	FD02FC16H-S	
ND3KR10P	FD02KR10P-S	
ND3KR16P	FD02KR16P-S	
ND3FR10P-R	FD02FR10P-R	
ND3FC10P-R	FD02FC10P-R	
ND3FR16P-R	FD02FR16P-R	
ND3FC16P-R	FD02FC16P-R	
ND3FR10H-R	FD02FR10H-R	
ND3FC10H-R	FD02FC10H-R	
ND3FR16H-R	FD02FR16H-R	
ND3FC16H-R	FD02FC16H-R	
ND3KR10P-R	FD02KR10P-R	
ND3KR16P-R	FD02KR16P-R	
ND3KC10P	FD02KR10P-S	Real code is available instead of complementary code. There are some specification differences. The pad layouts are different.
ND3KC16P	FD02KR16P-S	Screwdriver actuator instead of shaft actuator. There are some specification differences. The pad layouts are different.
ND3KR10H	FD02FR10H-S	
ND3KC10H	FD02FC10H-S	
ND3KR16H	FD02FR16H-S	
ND3KC16H	FD02FC16H-S	
ND3KC10P-R	FD02KC10P-R	Real code is available instead of complementary code. There are some specification differences. The pad layouts are different.
ND3KC16P-R	FD02KC16P-R	

Effective Dates for Change No. 2

Orders for ND3 Series SMT DIP Rotaries will be accepted through November 28, 2024.

The end of sales date is March 31, 2025.

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Effected Standard & Recommended Part Numbers		
Discontinued ND3 Part Numbers	Recommended FD02 Part Numbers	Notes
ND3KR10H-R	FD02FR10H-R	Screwdriver actuator instead of shaft actuator. There are some specification differences. The pad layouts are different.
ND3KC10H-R	FD02FC10H-R	
ND3KR16H-R	FD02FR16H-R	
ND3KC16H-R	FD02FC16H-R	
ND3FR10B	FD02FR10P-S	PC through pins instead of PC through pins with mounting bracket. There are some specification differences. The pad layouts are different.
ND3FC10B	FD02FC10P-S	
ND3KR10B	FD02KR10P-S	
ND3FR16B	FD02FR16P-S	
ND3FC16B	FD02FC16P-S	
ND3KR16B	FD02KR16P-S	
ND3KC10B	FD02KR10P-S	Real code is available instead of complementary code. PC through pins instead of PC through pins with mounting bracket. There are some specification differences. The pad layouts are different.
ND3KC16B	FD02KR16P-S	
ND3FR10B-R	FD02FR10P-R	PC through pins instead of PC through pins with mounting bracket. There are some specification differences. The pad layouts are different.
ND3FC10B-R	FD02FC10P-R	
ND3KR10B-R	FD02KR10P-R	
ND3KC10B-R	FD02KC10P-R	
ND3FR16B-R	FD02FR16P-R	
ND3FC16B-R	FD02FC16P-R	
ND3KR16B-R	FD02KR16P-R	Real code is available instead of complementary code. PC through pins instead of PC through pins with mounting bracket. There are some specification differences. The pad layouts are different.
ND3KC16B-R	FD02KR16P-R	

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