

NKK Switches Introduces Single-Click 3D CAD Models on Digi-Key Website

NKK Switches today announced single-click 3D CAD model availability for its switches and pushbuttons on the website of top electronic components distributor Digi-Key. This new integration makes obtaining part number-specific 3D models of NKK switches as simple as downloading a data sheet, saving engineers valuable time.

NKK's 3D CAD models enable engineers to easily integrate complex models into their designs at no charge. Now with a single keystroke, engineers can download part number-specific models directly from corresponding Digi-Key product web pages. NKK is the first switch manufacturer, and one of only two electronics component manufacturers, to implement this capability on the Digi-Key website.

"One of our goals at NKK, in addition to making innovative switches of exceptional quality, is to provide tools for engineers to get the right product for their application as efficiently as possible," said Mark Wuolle, Marketing Manager, NKK Switches. "The single-click 3D CAD models of our switches now available on Digi-Key's website are one way we're working to ensure engineers have the powerful tools they need."

Powered by PARTsolutions, the leading provider of digital parts management technology and services, NKK's library of 3D CAD models contains more than 500,000 switch models, one of the industry's largest. A key advantage of these models is the ability to download the native CAD models and insert them instantly into designs, saving engineers the need to draw standard parts, thus enhancing design productivity.

Digi-Key has 3D CAD models for the majority of NKK's full product line, including the popular programmable OLED switches and displays. Other switch types include pushbuttons, toggle switches, rocker switches, tactiles, slides, rotaries, keylocks, tilt and surface mount devices.

NKK 3D CAD models are available in over 85 native and neutral CAD and graphics formats, including a variety of popular native CAD file formats such as CATIA, Autodesk Inventor, Pro/ENGINEER, SolidWorks and UGNX, as well as universal file formats such as STEP, IGES, SAT and others.

These 3D CAD models allow current and prospective customers to graphically configure components with the sizes, features and colors they need. Once configured, the system creates high quality, native CAD data – including accurate NKK Switches part numbers – which is then downloadable by the engineer.

"As a leading distributor of NKK products, we're thrilled to now offer our customers

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direct access to NKK's 3D CAD models," said Jeff Shafer, Vice President of IP&E, Digi-Key. "We believe great service is one of the traits that set us apart from other distributors, and these 3D models enable us to provide an even higher level of service to our valued customers."

NKK Switches has been working with PARTsolutions for the past year to create 3D CAD models for the majority of the company's switches, including the popular programmable OLED switches and displays. Nearly 90 percent of the company's pushbuttons, toggle switches, rocker switches, tactiles, slides, rotaries, keylocks, tilt, surface mount and SmartSwitch product lines are available as 3D CAD models in the catalog. CAD files for remaining products are available upon request.

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