



To: NKK Authorized Distributor/Representative  
Date: 1/2/2018  
Re: **New Product Announcement**  
**Engineering SmartSwitch Development Kits**

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NKK is pleased to announce the new release of its simplified Engineering SmartSwitch Development Kits. The new series of development kits consist of ten (10) kits composed of various SmartSwitch product combinations with controls for up to two SmartSwitches/SmartDisplays or one OLED Rocker. Flash memory provided to store data, along with provided schematics and firmware for customization. The kits enable design flexibility and promote the functionality of how the SmartSwitch products can be utilized together.



#### Features

- 1M or 16M on-board NOR flash memory to store images, attributes or any other information.
- Serial communication via USB (115.2K, 1 start bit, 8 bit, 1 stop bit).
- Auxiliary port with 7 I/O pins of microcontroller to control/sense other applications.
- Stand alone or real time operation.
- Preprogrammed for basic operation.
- Reports via USB the switch closures, releases; timer expirations; and addresses of the images displayed.
- Programmable to change the displayed images based on a switch actuation and user defined timers for stand-alone operation.
- Schematics and firmware are provided for user firmware customization.
- User can program the engineering kits using The PICKIT3 and an adaptor.
- The kits come with a 6-foot USB 2.0 A to Mini-B cable (IS-USB1).
- Power Specs: Maximum 150mA @ 5V DC.
- Can be powered either by USB or by optional 5V power connection (.100" spacing).

**For product pricing please contact NKK Customer Service @ 480.991.0942**

**For product images, please contact [napier@nkkswitches.com](mailto:napier@nkkswitches.com)**