NKK SMARTSWITCH™ Kits

NKK SWITCHES

NKK's SmartSwitch™ programmable LCD and OLED switches offer designers new, expansive options. NKK's SmartSwitch™ technology is suited for a wide variety of applications, displaying industry specific text and graphics with real-time sequencing. Complex switching can be attained when the switches are used in ganged or grouped fashion to facilitate sequential functions. The SmartSwitch™ simplifies and improves complex, multi-decision operations. NKK Switches' SmartSwitch™ can be programmed to display an infinite variety of text, graphics or moving images.

Features:
• Programmable to display graphics, alphanumeric characters and animated sequences
• Integrated liquid crystal display provides wide viewing angle with high contrast and clarity
• All switches are SPST, momentary ON, gold contacts, and straight PC terminals

NKK SMARTSWITCH™ DEVELOPMENT KITS

This enables engineers to easily test their programs on actual pushbuttons and displays. Engineers can then present their concepts and product ideas to colleagues and clients. Development kits include the following supplied hardware: logic board, controller, power supply and cable.

Features
• SmartSwitch™ development kits are a cost effective tool for rapidly prototyping new design ideas
• Engineers can present their concepts and product ideas to colleagues and clients

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Fig.	Description	Price Each 1	5
633-IS-DEVKIT-5※	IS-DEV KIT-5	A	(2) IS15ABFP4RGB PB with supplied hardware		
633-IS-DEVKIT-5C	IS-DEV KIT-5C	A	(2) IS15SBFP4RGB compact PB with supplied hardware		
633-IS-DEVKIT-5D	IS-DEV KIT-5D	A	(2) IS01BFRGB displays with supplied hardware		
633-IS-DEVKIT-6※※	IS-DEV KIT-6	B	(2) IS15DBFP4RGB PB with supplied hardware		
633-IS-DEVKIT-6C	IS-DEV KIT-6C	B	(2) IS15DSBFP4RGB compact PB with supplied hardware		
633-IS-DEVKIT-6D	IS-DEV KIT-6D	B	(2) IS01DBFRGB displays with supplied hardware		
633-IS-DEVKIT-7	IS-DEV KIT-7	C	(2) ISC15ANP4 OLED PB with supplied hardware		
633-IS-DEVKIT-7D	IS-DEV KIT-7D	C	(2) ISC01P OLED displays with supplied hardware		

※ Kit 5 is for the LCD 36x24   ※※ Kit 6 is for the LCD 64x32

NKK SMARTSWITCH™ DEMONSTRATION KITS

The NKK SmartSwitch™ demonstration kits are used to display bitmaps, up to 64, that have been created via the user's PC. These kits are supplied with a red/green LCD module, software, USB cable and programming instructions. Once downloaded, the bitmaps can be displayed and advanced by means of the address control lines without the need of a PC. These kits can be incorporated into your end product as the PCB has been designed with allowance for standoffs. Both units can be made portable by using the battery box which is sold separately.

Features
• Can be programmed on line or through stand-alone software provided on CD
• LCD can be interchanged to meet user's specific color application once designed in

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Fig.	Description	Price Each 1	10
633-IS-DEMKIT-1	IS-DEM KIT-1	D	(1) IS15AACP4CF PB with supplied hardware		
633-IS-DEMKIT-2	IS-DEM KIT-2	D	(1) IS01BCCF display with supplied hardware		
633-AT9946	AT9946	-	Battery Box		

NKK SMARTSWITCH™, SWITCHES, DISPLAYS AND SOCKETS

PRODUCT NEW

RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Fig.	Description	Price Each 1	25
633-IS15ABFP4RGB	IS15ABFP4RGB	E	LCD 36 x 24 PB with RGB LED		
633-IS15ABCP4CF	IS15ABCP4CF	E	LCD 36 x 24 PB with red/green super bright LED		
633-ISC15ANP4	ISC15ANP4	F	OLED PB 64RGB x 48		
633-IS15DBFP4RGB	IS15DBFP4RGB	G	LCD 64 x 32 hi-res PB with RGB LED		
633-ISC01P	ISC01P	H	OLED display 52RGB x 36		
633-IS15SBCP4CF	IS15SBCP4CF	I	LCD 36 x 24 compact PB with red/green super bright LED		
633-IS15SBFP4RGB	IS15SBFP4RGB	I	LCD 36 x 24 compact PB with RGB LED		
633-IS15DSBFP4RGB	IS15DSBFP4RGB	I	LCD 64 x 32 compact PB with RGB LED		
633-IS01DBFRGB	IS01DBFRGB	J	LCD 64 x 32 display with RGB LED		
633-AT9704-085K	AT9704-085K	K	Socket for 64 x 32 PB		
633-AT9704-085L	AT9704-085L	K	Socket for OLED PB		
633-AT9704-085M	AT9704-085M	K	Socket for OLED display		
633-AT9704-02YC-RO	AT9704-02YC-RO	K	Socket for 36 x 24 PB with single or bicolor LED		
633-AT9704-065E	AT9704-065E	K	Socket for 36 x 24 PB with RGB LED		
633-AT9704-065F	AT9704-065F	K	Socket for 36 x 24 compact PB		
633-IS01BCCF	IS01BCCF	M	LCD 36 x 24 display with red/green super bright LED		
633-IS01BFRGB	IS01BFRGB	M	LCD 36 x 24 display with RGB LED		

NKK SMARTSWITCH™ OLED ROCKER

Features
• Rocker Switch with Built - In OLED Display
• IP64 Dust & Water Protection
• Controller on Board/SPI
• Largest Smartswitch Display Area
• Up to 8 Lines with 16 Characters Each
• 180° Viewing Angle

Specifications:
• Operating Temperature: -20 °C to +70°C
• Display Life: 52,000 hrs. at 30% illumination
• Mechanical /Electrical Life: 1,000,000 actuations min.
• SP3T Momentary

PRODUCT NEW

RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Fig.	Description	Price Each 1	5
633-IS18WWC1W	IS18WWC1W	L	OLED Monochrome Rocker SP3T		
633-IS18WWC1W-K	IS18WWC1W-K	L	Design Kit		
633-IS-DEV-KIT-8	IS-DEV KIT-8	N	Development kit w/ 1 OLED Rocker		

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