

NKK SMARTSWITCH™ Kits



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
- Dome contact gives crisp tactile feedback to positively indicate circuit transfer and assures high reliability and long life
- 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 then 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 switches with supplied hardware	248.00	223.65
633-IS-DEVKIT-5C	IS-DEV KIT-5C	A	(2) IS15SBFP4RGB compact switches with supplied hardware	271.25	263.50
633-IS-DEVKIT-5D	IS-DEV KIT-5D	A	(2) IS01BFRGB displays with supplied hardware	271.25	263.50
633-IS-DEVKIT-6	IS-DEV KIT-6	B	(2) IS15DBFP4RGB switches with supplied hardware	327.25	317.90
633-IS-DEVKIT-6C	IS-DEV KIT-6C	B	(2) IS15DSBFP4RGB compact switches with supplied hardware	327.25	317.90
633-IS-DEVKIT-6D	IS-DEV KIT-6D	B	(2) IS01DBFRGB displays with supplied hardware	327.25	317.90
633-IS-DEVKIT-7	IS-DEV KIT-7	C	(2) ISC15ANP4 OLED switches with supplied hardware	402.50	391.00
633-IS-DEVKIT-7D	IS-DEV KIT-7D	C	(2) ISC01P OLED displays with supplied hardware	402.50	391.00

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 switch with supplied hardware	141.10	135.75
633-IS-DEMKIT-2	IS-DEM KIT-2	D	(1) IS01BCCF display with supplied hardware	162.87	142.84
633-AT9946	AT9946	-	Battery Box	55.94	49.05

NKK SMARTSWITCH™, SWITCHES, DISPLAYS AND SOCKETS



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	NKK Part No.	Fig.	Description	Price Each	
				1	25
633-IS15SBPC4CF	IS15SBPC4CF	E	36 x 24 compact switch with red/green super bright LED	48.83	47.43
633-IS15ABCP4CF	IS15ABCP4CF	H	36 x 24 switch with red/green super bright LED	48.83	47.43
633-IS15SBFP4RGB	IS15SBFP4RGB	E	36 x 24 compact switch with red/green/blue LED	52.94	51.42
633-IS15ABFP4RGB	IS15ABFP4RGB	H	36 x 24 switch with red/green/blue LED	52.94	51.42
633-IS15DSBFP4RGB	IS15DSBFP4RGB	E	64 x 32 hi-res compact switch with red/green/blue LED	63.79	61.97
633-IS15DBFP4RGB	IS15DBFP4RGB	F	64 x 32 hi-res switch with red/green/blue LED	63.79	61.97
633-ISC15ANP4	ISC15ANP4	G	OLED switch 64RGB x 48	74.46	72.34
633-IS01BCCF	IS01BCCF	I	36 x 24 display with red/green super bright LED	46.90	45.56
633-IS01BFRGB	IS01BFRGB	I	36 x 24 display with red/green/blue LED	49.61	48.20
633-IS01DBFRGB	IS01DBFRGB	I	64 x 32 hi-res display with red/green/blue LED	58.42	56.78
633-ISC01P	ISC01P	I	OLED display 52RGB x 36	74.46	72.34
633-AT9704-085K	AT9704-085K	J	Socket for 64 x 32 hi-res switches	4.64	4.51
633-AT9704-085L	AT9704-085L	J	Socket for OLED switch	5.08	4.93
633-AT9704-085M	AT9704-085M	J	Socket for OLED display	5.95	5.78



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