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## Ultra Low Profile Notebook Keyboard (64Keys)

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### FKB-7681 Series

#### ■ FEATURES

- 5.0mm in total height (including space key height), actually 4.7mm height and 1.5mm stroke
- Keys for Windows95®, Windows98®, Windows2000®, WindowsNT4.0®
- Excellent operation
  - Unique "Gear link" method offers comfortable key touch feeling combined with superior key-switch life.
  - 1.5mm keystroke, 50gf operating force, 20gf tactile response
  - Soft tactile feedback with a key pitch of only 12.8mm and a key size of 12.1mm.
- Various language versions are available through local laser based legend creation facility.
- High quality and reliability
- Laser printed keycaps meet environmental requirements.



- RoHS compliant since October 2005 production (serial number "UX00001" and thereafter)

First 2 digits of serial number consists of manufacturing year and month:

1st Digit: Manufacturing Year:

P=2000 / Q=2001 / R=2002 / S=2003 / T=2004 / U=2005 / V=2006 / W=2007 / X=2008 / Y=2009 / Z=2010

2nd Digit: Manufacturing Month:

1=January / 2=February / 3=March / 4=April / 5=May / 6=June / 7=July / 8=August / 9=September /

X=October / Y=November / Z=December

#### ■ MAIN APPLICATIONS

- Sub notebook type personal computer
- Personal digital assistants

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## ■ SPECIFICATION

Specification Item		Variants supported (80 pieces per box, 2560 per pallet)
Mechanical	Number of Keys	64 keys
	Key Switch type	Membrane switch
	Keytop	Rectangular cylindrical, step slope
	Operating Force	50gf. $\pm$ 25gf.
	Stroke	1.5mm $\pm$ 0.2m m
	Tactile	20gf. typ. soft
	Height	4.7mm (acactually 5.0mm including the space bar key)
	Size	190mm x 61.5m m
	Operating Life	2 M operations min.
Electrical	Interface	Matrix arrangement
	Contact Resistance	1K ohm max. at 5VDC
	Key Switch Bounce	10ms max.
Environment	Operating Temperature	0 to 40° C
	Storage Temperature	-20 to 60° C
	Humidity	90% RH max. at +40° C max. (inversely proportional change to 50% RH at 60° C)

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## ■ KEY MATRIX

Key Matrix with connections made from Right hand line to base. (No connects shown Light grey, based on characters on the example US international layout from previous page)

Here to Here ✓	X - 16	17	18	19	20	21	22
Y- 1	A00 (L-Ctrl)						
2				B00 (L-Shift)			
3	E00 (ESC)		D01 (Q)	E01 (1)	C00 (Caps)	C02 (S)	B03 (C)
4	B00` ( ` )		D00 (Tab)		B01 (Z)	C01 (A)	B02 (X)
5	A01 (L-Win)						
6	A02 (L-Alt)						
7		E04 (4)	D02 (W)	E03 (3)	A08 (AltGr)	C03 (D)	B04 (V)
8				B12 (R-Shift)			
9	E02 (2)	E05 (5)	D03 (E)	D05 (T)	A09 (Del)	C04 (F)	B05 (B)
10	E13 (BackSp)	A12 (←→)	D12 (I)	A11 (↓)	B11 (↑)	10 (←)	A05 (Spc)
11	E12 (=)	C12 (\)	D11 (l)	D13 (Enter)	C11 (')	B10 (/)	B09 (.)
12	E11 (-)	E08 (8)	D10 (P)	D08 (l)	C10 (:)	C07 (J)	B08 (,)
13	E10 (0)	E07 (7)	D09 (O)	D07 (U)	C09 (L)	C06 (H)	B07 (M)
14	E09 (9)	E06 (6)	D04 (R)	D06 (Y)	C08 (8)	C05 (G)	B06 (N)
15 - NC							

