Key Name	HID Usage Page	HID Usage ID	PS/2 Set 1 Make*	PS/2 Set 1 Break*	PS/2 Set 2 Make	PS/2 Set 2 Break
System Power	01	81	E0 5E	E0 DE	E0 37	E0 F0 37
System Sleep	01	82	E0 5F	E0 DF	E0 3F	E0 F0 3F
System Wake	01	83	E0 63	E0 E3	E0 5E	E0 F0 5E
No Event	07	00	None	None	None	None
Overrun Error	07	01	FF	None	00	None
POST Fail	07	02	FC	None	FC	None
ErrorUndefined	07	03	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
a A	07	04	1E	9E	1C	F0 1C
b B	07	05	30	В0	32	F0 32
сС	07	06	2E	AE	21	F0 21
d D	07	07	20	A0	23	F0 23
e E	07	08	12	92	24	F0 24
f F	07	09	21	A1	2B	F0 2B
g G	07	0A	22	A2	34	F0 34
h H	07	0B	23	A3	33	F0 33
il	07	0C	17	97	43	F0 43
	07	0D	24	A4	3B	F0 3B
j J						
k K	07	0E	25	A5	42	F0 42
IL	07	0F	26	A6	4B	F0 4B
m M	07	10	32	B2	3A	F0 3A
n N	07	11	31	B1	31	F0 31
0 0	07	12	18	98	44	F0 44
pР	07	13	19	99	4D	F0 4D
q Q	07	14	10	90	15	F0 15
r R	07	15	13	93	2D	F0 2D
s S	07	16	1F	9F	1B	F0 1B
t T	07	17	14	94	2C	F0 2C
u U	07	18	16	96	3C	F0 3C
v V	07	19	2F	AF	2A	F0 2A
w W	07	1A	11	91	1D	F0 1D
хX	07	1B	2D	AD	22	F0 22
y Y	07	1C	15	95	35	F0 35
z Z	07	1D	2C	AC	1A	F0 1A
1!	07	1E	02	82	16	F0 16
2 @	07	1F	03	83	1E	F0 1E
3#	07	20	04	84	26	F0 26
4 \$	07	21	05	85	25	F0 25
5 %	07	22	06	86	2E	F0 2E
6 ^	07	23	07	87	36	F0 36
7 &	07	24	08	88	3D	F0 3D
8 *	07	25	09	89	3E	F0 3E
9 (07	26	0A	8A	46	F0 46
0)	07	27	0B	8B	45	F0 45
Return	07	28	1C	9C	5A	F0 5A
Escape	07	29	01	81	76	F0 76
Backspace	07	2A	0E	8E	66	F0 66
Tab	07	2B	0F	8F	0D	F0 0D
Space	07	2C	39	B9	29	F0 29
-	07	2D	0C	8C	4E	F0 4E
=+	07	2E	0D	8D	55	F0 55
11	07	2F	1A	9A	54	F0 54
1}	07	30	1B	9B	5B	F0 5B
17	07	31	2B	AB	5D	F0 5D
Europe 1 (Note 2)	07	32	2B	AB	5D 5D	F0 5D
;:	07	33	27	A7	4C	F0 4C
, .	07	34	28	A8	52	F0 52
`~	07	35	29	A9	0E	F0 0E
	07					F0 0E
, <		36	33	B3	41	
.>	07	37	34	B4	49	F0 49
/?	07	38	35	B5	4A	F0 4A
Caps Lock	07	39	3A	BA	58	F0 58
F1	07	3A	3B	BB	05	F0 05
F2	07	3B	3C	BC	06	F0 06
F3	07	3C	3D	BD	04	F0 04
F4	07	3D	3E	BE	0C	F0 0C
F5	07	3E	3F	BF	03	F0 03
F6	07	3F	40	C0	0B	F0 0B
F7	07	40	41	C1	83	F0 83
F8	07	41	42	C2	0A	F0 0A
F9	07	42	43	C3	01	F0 01
F10	07	43	44	C4	09	F0 09
F11	07	44	57	D7	78	F0 78
F12	07	45	58	D8	07	F0 78
Print Screen (Note 1)	07	46	E0 37	E0 B7	E0 7C	E0 F0 7C
		46				
Scroll Lock Break (Ctrl-Pause)	07 07	48	46 E0 46 E0 C6	C6 None	7E E0 7E E0 F0 7E	F0 7E None
Pause	07	48	E1 1D 45 E1 9D C5	None	E1 14 77 E1 F0 14 F0 77	None

	^=		E0.50	F0 D0	F0.70	E0 E0 70
Insert (Note 1)	07	49	E0 52	E0 D2	E0 70	E0 F0 70
Home (Note 1)	07	4A	E0 47	E0 C7	E0 6C	E0 F0 6C
Page Up (Note 1)	07	4B	E0 49	E0 C9	E0 7D	E0 F0 7D
Delete (Note 1)	07	4C	E0 53	E0 D3	E0 71	E0 F0 71
End (Note 1)	07	4D	E0 4F	E0 CF	E0 69	E0 F0 69
Page Down (Note 1)	07	4E	E0 51	E0 D1	E0 7A	E0 F0 7A
Right Arrow (Note 1)	07	4F	E0 4D	E0 CD	E0 74	E0 F0 74
Left Arrow (Note 1)	07	50	E0 4B	E0 CB	E0 6B	E0 F0 6B
Down Arrow (Note 1)	07	51	E0 50	E0 D0	E0 72	E0 F0 72
Up Arrow (Note 1)	07	52	E0 48	E0 C8	E0 75	E0 F0 75
Num Lock	07	53	45	C5	77	F0 77
Keypad / (Note 1)	07	54	E0 35	E0 B5	E0 4A	E0 F0 4A
Keypad *	07	55	37	B7	7C	F0 7C
Keypad -	07	56	4A	CA	7B	F0 7B
Keypad +	07	57	4E	CE	79	F0 79
Keypad Enter	07	58	E0 1C	E0 9C	E0 5A	E0 F0 5A
Keypad 1 End	07	59	4F	CF	69	F0 69
Keypad 2 Down	07	5A	50	D0	72	F0 72
Keypad 3 PageDn	07	5B	51	D1	7A	F0 7A
Keypad 4 Left	07	5C	4B	СВ	6B	F0 6B
Keypad 5	07	5D	4C	CC	73	F0 73
Keypad 6 Right	07	5E	4D	CD	74	F0 74
Keypad 7 Home	07	5F	47	C7	6C	F0 6C
Keypad 8 Up	07	60	48	C8	75	F0 75
Keypad 9 PageUp	07	61	49	C9	7D	F0 7D
Keypad 9 Fageop	07	62	52	D2	70	F0 70
	07		53			
Keypad . Delete		63		D3	71	F0 71
Europe 2 (Note 2)	07	64	56	D6	61	F0 61
Арр	07	65	E0 5D	E0 DD	E0 2F	E0 F0 2F
Keyboard Power	07	66	E0 5E	E0 DE	E0 37	E0 F0 37
Keypad =	07	67	59	D9	0F	F0 0F
F13	07	68	64	E4	08	F0 08
F14	07	69	65	E5	10	F0 10
F15	07	6A	66	E6	18	F0 18
F16	07	6B	67	E7	20	F0 20
F17	07	6C	68	E8	28	F0 28
F18	07	6D	69	E9	30	F0 30
F19	07	6E	6A	EA	38	F0 38
F20	07	6F	6B	EB	40	F0 40
F21	07	70	6C	EC	48	F0 48
F22	07	71	6D	ED	50	F0 50
F23	07	72	6E	EE	57	F0 57
F24	07	73	76	F6	5F	F0 5F
Keyboard Execute	07	74	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Help	07	75	UNASSIGNED			
	01	75	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Menu	07	76		UNASSIGNED UNASSIGNED		
Keyboard Menu Keyboard Select	07	76	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select	07 07	76 77	UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop	07 07 07	76 77 78	UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again	07 07 07 07	76 77 78 79	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo	07 07 07 07 07 07	76 77 78 79 7A	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut	07 07 07 07 07 07	76 77 78 79 7A 7B	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo	07 07 07 07 07 07	76 77 78 79 7A 7B	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut	07 07 07 07 07 07	76 77 78 79 7A 7B	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste	07 07 07 07 07 07 07 07	76 77 78 79 7A 7B	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find	07 07 07 07 07 07 07 07 07 07	76 77 78 79 7A 7B 7C 7D	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute	07 07 07 07 07 07 07 07 07 07 07	76 77 78 79 7A 7B 7C 7D 7E 7F	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up	07 07 07 07 07 07 07 07 07 07 07 07	76 77 78 79 7A 7B 7C 7D 7E 7F 80	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn	07 07 07 07 07 07 07 07 07 07 07	76 77 78 79 7A 7B 7C 7D 7E 7F	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking	07 07 07 07 07 07 07 07 07 07 07 07	76 77 78 79 7A 7B 7C 7D 7E 7F 80	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Locking Caps Lock	07 07 07 07 07 07 07 07 07 07 07 07 07	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock	07 07 07 07 07 07 07 07 07 07 07 07 07	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Undo Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keypad (Brazilian Keypad .)	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Find Keyboard Wolume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keypad, (Brazilian Keypad,) Keyboard Equal Sign	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Find Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keypad, (Brazilian Keypad). Keyboard Equal Sign Keyboard Equal Sign	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Joh Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Undo Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keypad (Brazilian Keypad .) Keyboard Equal Sign Keyboard Equal Sign Keyboard Equal Sign Keyboard Intil 1 3 6 (Ro)	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Find Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keypad, (Brazilian Keypad) Keyboard Equal Sign Keyboard Int'l 1 3 (Ro) Keyboard Int'l 2	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Un Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keypad (Brazilian Keypad .) Keyboard Int'l 1 3 (Ro) Keyboard Int'l 1 7 Keyboard Int'l 2 1½7½75	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85	UNASSIGNED TO UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED F0 6D UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Joh Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Scroll Lock Keyboard Inti'l 1 3 3 (Ro) Keyboard Inti'l 1 5 3 (Ro) Keyboard Inti'l 1 1 5 3 (Ro) Keyboard Inti'l 1 1 5 3 (Ro)	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Joh Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keypad, (Brazilian Keypad) Keyboard Int'l 1 3 (Ro) Keyboard Int'l 1 3 (Ro) Keyboard Int'l 2 かたかな ひらかは ローマ字	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85	UNASSIGNED TO UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED F0 6D UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Joh Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Scroll Lock Keyboard Inti'l 1 3 3 (Ro) Keyboard Inti'l 1 5 3 (Ro) Keyboard Inti'l 1 1 5 3 (Ro) Keyboard Inti'l 1 1 5 3 (Ro)	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85	UNASSIGNED TO UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED F0 6D UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Find Keyboard Volume Up Keyboard Locking Caps Lock Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keypad (Brazilian Keypad) Keyboard Equal Sign Keyboard Int'l 1	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85	UNASSIGNED TO UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED F0 6D UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Joh Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Polume Up Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Inti'1 3 (Ro) Keyboard Equal Sign Keyboard Inti'2 かたかな ひらかな ローマ字 (Katakana/Hiragana) Keyboard Inti'2	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 51	UNASSIGNED F0 6D UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Jtop Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Find Keyboard Wolume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Int'l 1 ろ (Ro) Keyboard Int'l 1	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85	UNASSIGNED TO UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED TO UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED F0 6D UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Find Keyboard Volume Up Keyboard Volume Up Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keypad, (Brazilian Keypad) (Brazilian Keypad) (Brazilian Keypad) Keyboard Int'l 1 3 (Ro) Keyboard Int'l 1 3 (Ro) Keyboard Int'l 1 7 (Keyboard Int'l 2 かたかな レラボッカ	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 51	UNASSIGNED F0 6D UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Jtop Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Mute Keyboard Volume Up Keyboard Volume Up Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Storoll Lock Keyboard Intil 1 3 (Ro) Keyboard Intil 2 かたがな ひらがな ローマ字 (Katakana/Hiragana) Keyboard Intil 2 ¥ (Yen) Keyboard Intil 4	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 51	UNASSIGNED F0 6D UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Jtop Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Mute Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Int'l 1 3 3 (Ro) Keyboard Int'l 1 3 3 (Ro) Keyboard Int'l 2 かたかな Uらがな ローマ字 (Katakana/Hiragana) Keyboard Int'l 2 ¥ (Yen) Keyboard Int'l 3 Keyboard Int'l 3 Keyboard Int'l 3 Keyboard Int'l 1	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86 87	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 100 100 100 100 100 100 100 100 100 1	UNASSIGNED F0 6D UNASSIGNED UNASSIGNED F0 6D UNASSIGNED F0 6A
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Again Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Find Keyboard Find Keyboard Wolume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keypad, (Brazilian Keypad) Keyboard Equal Sign Keyboard Int'l 1 3 (Ro) Keyboard Int'l 1 7 (Katakana/Hiragana) Keyboard Int'l 2 ** (Yen) Keyboard Int'l 4 **	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 51	UNASSIGNED F0 6D UNASSIGNED UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Jtop Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Polume Up Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Soroll Lock Keyboard Inti'a Tophyta Tophy	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86 87	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 100 100 100 100 100 100 100 100 100 1	UNASSIGNED FO 6D UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED FO 6D UNASSIGNED FO 6D UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Joh Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Mute Keyboard Volume Up Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Scroll Lock Keyboard Int'l 1 2 3 7 (Ro) Keyboard Int'l 2 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86 87	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 100 100 100 100 100 100 100 100 100 1	UNASSIGNED FO 6D UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED FO 6D UNASSIGNED FO 6D UNASSIGNED
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Jtop Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Find Keyboard Wolume Up Keyboard Volume Up Keyboard Locking Caps Lock Keyboard Locking Num Lock Keyboard Locking Scroll Lock Keyboard Locking Scroll Lock Keyboard Int'l 1 3 (Ro) Keyboard Int'l 1 4 (Yen) Keyboard Int'l 1 6 (Henkan) Keyboard Int'l 5	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86 87	UNASSIGNED TO UNASSIGNED UNASSIGNED UNASSIGNED TO TO	UNASSIGNED FE UNASSIGNED UNASSIGNED FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 10 11 13 13	UNASSIGNED FO 6D UNASSIGNED UNASSIGNED FO 6D UNASSIGNED FO 6A
Keyboard Select Keyboard Stop Keyboard Stop Keyboard Joh Keyboard Undo Keyboard Cut Keyboard Copy Keyboard Paste Keyboard Paste Keyboard Mute Keyboard Volume Up Keyboard Volume Up Keyboard Volume Dn Keyboard Locking Caps Lock Keyboard Locking Scroll Lock Keyboard Int'l 1 2 3 7 (Ro) Keyboard Int'l 2 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	07 07 07 07 07 07 07 07 07 07 07 07 07 0	76 77 78 79 7A 7B 7C 7D 7E 7F 80 81 82 83 84 85 86 87	UNASSIGNED TO STANDARD TO T	UNASSIGNED FE UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF UNASSIGNED FF FF UNASSIGNED FF	UNASSIGNED UNASSIGNED UNASSIGNED 100 100 100 100 100 100 100 100 100 1	UNASSIGNED F0 6D UNASSIGNED UNASSIGNED F0 6D UNASSIGNED F0 6A

Keyboard Int'l 6						
	07	8C	5C	DC	27	F0 27
(PC9800 Keypad ,) Keyboard Int'l 7	07	8D	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
			UNASSIGNED	UNASSIGNED		
Keyboard Int'l 8	07	8E			UNASSIGNED	UNASSIGNED
Keyboard Int'l 9	07	8F	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Lang 1 항영	07	90	F2	None	F2	None
(Hanguel/English) Keyboard Lang 2						
한자 (Hanja)	07	91	F1	None	F1	None
Keyboard Lang 3 かたかな (Katakana)	07	92	78	F8	63	F0 63
Keyboard Lang 4 ひらがな (Hiragana)	07	93	77	F7	62	F0 62
Keyboard Lang 5 半角全角 (Zenkaku/Hankaku)	07	94	76	F6	5F	F0 5F
Keyboard Lang 6	07	95	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Lang 7	07	96	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Lang 8	07	97	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Lang 9	07	98	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Alternate						
Erase Keyboard	07	99	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
SysReq/Attention	07	9A	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Class	07	9B	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Clear	07	9C	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Prior	07	9D	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Return	07	9E	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Separator	07	9F	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Out	07	A0	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Oper	07	A1	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard Clear/Again	07	A2	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard CrSel/Props	07	A3	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
Keyboard ExSel	07	A4	UNASSIGNED	UNASSIGNED	UNASSIGNED	UNASSIGNED
RESERVED	07	A5-DF	RESERVED	RESERVED	RESERVED	RESERVED
Left Control	07	E0	1D	9D	14	F0 14
Left Shift	07	E1	2A	AA	12	F0 12
Left Alt Left GUI	07 07	E2 E3	38 E0 5B	B8 E0 DB	11 E0 1F	F0 11 E0 F0 1F
Right Control	07	E4	E0 1D	E0 9D	E0 14	E0 F0 14
Right Shift	07	E5	36	B6	59	F0 59
Right Alt	07	E6	E0 38	E0 B8	E0 11	E0 F0 11
Right GUI	07	E7	E0 5C	E0 DC	E0 27	E0 F0 27
RESERVED	07	E8-FFFF	RESERVED	RESERVED	RESERVED	RESERVED
Scan Next Track	0C	00B5	E0 19	E0 99	E0 4D	E0 F0 4D
Scan Previous Track	0C	00B6	E0 10	E0 90	E0 15	E0 F0 15
Stop	0C	00B7	E0 24	E0 A4	E0 3B	E0 F0 3B
Play/ Pause	0C	00CD	E0 22	E0 A2	E0 34	
Mute	0C					E0 F0 34
Bass Boost		00E2	E0 20	E0 A0	E0 23	E0 F0 34 E0 F0 23
	0C	00E2 00E5	UNASSIGNED	UNASSIGNED		
Loudness					E0 23	E0 F0 23
Loudness Volume Up	0C 0C 0C	00E5	UNASSIGNED	UNASSIGNED	E0 23 UNASSIGNED	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32
Volume Up Volume Down	0C 0C 0C	00E5 00E7 00E9 00EA	UNASSIGNED UNASSIGNED E0 30 E0 2E	UNASSIGNED UNASSIGNED E0 B0 E0 AE	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21
Volume Up Volume Down Bass Up	0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED
Volume Up Volume Down Bass Up Bass Down	0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED
Volume Up Volume Down Bass Up Bass Down Treble Up	0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down	0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select	0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 ED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail	0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 E0 ED E0 EC	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 58
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator	0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 E0 E0 EC E0 A1	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 ED E0 EC E0 A1 E0 EB	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 ED E0 EC E0 A1 E0 EB E0 E5	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 10
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 ED E0 EC E0 A1 E0 EB E0 E5 E0 B2	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 40
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 E0 E0 E0 E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 38	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 10 E0 F0 38
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Forward	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA	E0 23	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 3A E0 F0 3A
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226	UNASSIGNED	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 ED E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8	E0 23	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 3A E0 F0 38 E0 F0 38 E0 F0 38
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227	UNASSIGNED	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 ED E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 48 E0 2B E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 28 E0 20	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 10 E0 F0 3A E0 F0 38 E0 F0 38 E0 F0 38 E0 F0 28 E0 F0 28
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites	0C 0C 0C 0C 0C 0C 0C 0C 0C 0C	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A	UNASSIGNED	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 E0 E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8 E0 E7 E0 E6	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 30 E0 F0 38 E0 F0 38 E0 F0 28 E0 F0 28 E0 F0 28 E0 F0 28
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 69 E0 68 E0 67 E0 66	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8 E0 E7 E0 E6	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 30 E0 F0 30 E0 F0 38 E0 F0 30 E0 F0 28 E0 F0 30 E0 F0 28
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 68 E0 67 E0 66 00	UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 48 E0 28 E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 D0 NOT USE	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 30 E0 F0 38 E0 F0 30 E0 F0 38 E0 F0 20 E0 F0 10 E0 F0 30 E0 F0 20 E0 F0 10 E0 F0 30 E0 F0 30 E0 F0 20 E0 F0 10 E0 F0 30 E0 F0 20 E0 F0 18 D0 NOT USE
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Favorites DO NOT USE DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 66 O0 60 61	UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 48 E0 28 E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 D NOT USE 47	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 10 E0 F0 38 E0 F0 38 E0 F0 28 E0 F0 88 E0 F0 28 E0 F0 89 E0 F0 89 E0 F0 10
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites DO NOT USE DO NOT USE DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE DO NOT USE DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 66 00 60 61	UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE 47 4F 65	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 30 E0 F0 38 E0 F0 38 E0 F0 30 E0 F0 28 E0 F0 49 F0 F
Volume Up Volume Down Bass Up Bass Down Treble Dup Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites DO NOT USE DO NOT USE DO NOT USE DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE DO NOT USE DO NOT USE DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 66 00 60 61 7A	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8 E0 E7 E0 E6 80 E0 E1 FA FC	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE 47 4F 65	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 10 E0 F0 3A E0 F0 3A E0 F0 3B E0 F0 3C E0 F0 4C E0 F0 4C E0 F0 4C E0 F0 5C E0 F0
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE DO NOT USE DO NOT USE DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 66 00 60 61 7A 7C 7F	UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE 47 4F 65 68	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 10 E0 F0 38 E0 F0 30 E0 F0 38 E0 F0 70 S0 E0 F0 40 E0 F0 T0 S0 E0 F0 T0 S0 E0 F0
Volume Up Volume Down Bass Up Bass Down Treble Up Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Favorites DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 66 E0 67 E0 66 O0 60 61 7A 7C 7F E0 60	UNASSIGNED	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 48 E0 28 E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE 47 4F 65 68 68 6E E0 47	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 2B E0 F0 40 E0 F0 10 E0 F0 3A E0 F0 38 E0 F0 30 E0 F0 28 E0 F0 49 F0 F
Volume Up Volume Down Bass Up Bass Down Treble Dy Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 0184 0192 0194 0221 0223 0224 0225 0226 0226 0227 022A DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 66 00 61 7A 7C 7F E0 60 E0 61	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 E0 E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8 E0 E7 E0 E6 80 E0 E1 FA FC FF	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE 47 4F 65 68 68 6E E0 47 E0 4F	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 10 E0 F0 30 E0 F0 38 E0 F0 30 E0 F0 28 E0 F0 40 F0 F
Volume Up Volume Down Bass Up Bass Down Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Forward WWW Forward WWW Forward WWW Forward WWW Town WW Town WWW Town WW Town WWW Town WW	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 018A 0192 0194 0221 0223 0224 0225 0226 0227 022A DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 66 00 60 61 7A 7C 7F E0 60 E0 61 E0 7A	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8 E0 E7 E0 E6 80 E0 E1 FA FC FF E0 E0 E0 E1 E0 FA	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE 47 4F 65 68 6E E0 47 E0 4F E0 4F	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 50 E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 3A E0 F0 3A E0 F0 3A E0 F0 3B E0 F0 3C E0 F0 4C E0 F0 6C E0 F0 F0 F0 F0 E0 E0
Volume Up Volume Down Bass Up Bass Down Treble Dy Treble Down Media Select Mail Calculator My Computer WWW Search WWW Home WWW Back WWW Forward WWW Stop WWW Refresh WWW Favorites DO NOT USE	0C 0	00E5 00E7 00E9 00EA 0152 0153 0154 0155 0183 0184 0192 0194 0221 0223 0224 0225 0226 0226 0227 022A DO NOT USE	UNASSIGNED UNASSIGNED E0 30 E0 2E UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 6D E0 6C E0 21 E0 6B E0 65 E0 32 E0 6A E0 69 E0 68 E0 67 E0 66 00 61 7A 7C 7F E0 60 E0 61	UNASSIGNED UNASSIGNED E0 B0 E0 AE UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 E0 E0 EC E0 A1 E0 EB E0 E5 E0 B2 E0 EA E0 E9 E0 E8 E0 E7 E0 E6 80 E0 E1 FA FC FF	E0 23 UNASSIGNED UNASSIGNED E0 32 E0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 50 E0 48 E0 2B E0 40 E0 10 E0 3A E0 38 E0 30 E0 28 E0 20 E0 18 DO NOT USE 47 4F 65 68 68 6E E0 47 E0 4F	E0 F0 23 UNASSIGNED UNASSIGNED E0 F0 32 E0 F0 21 UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED E0 F0 48 E0 F0 28 E0 F0 40 E0 F0 30 E0 F0 38 E0 F0 30 E0 F0 70 E0 F0 65 E0 66 E0 67 E0 F0 67 E0 F0 67 E0 F0 67

DO NOT USE UNASSIGNED	E0 7E E0 7F 54 54 55 5A 5B 62 63 64 65	E0 FE E0 FF D4 D4 D5 DA DB E2	E0 6D E0 6E 7F 84 60 17	E0 F0 6D E0 F0 6E F0 7F F0 84 F0 60 F0 17
UNASSIGNED	54 54 55 5A 5B 62 63 64 65	D4 D4 D5 DA DB E2	7F 84 60 17 1F	F0 7F F0 84 F0 60 F0 17
UNASSIGNED	54 55 5A 5B 62 63 64 65	D4 D5 DA DB E2	84 60 17 1F	F0 84 F0 60 F0 17
UNASSIGNED	55 5A 5B 62 63 64 65	D5 DA DB E2	60 17 1F	F0 60 F0 17
UNASSIGNED	5A 5B 62 63 64 65	DA DB E2	17 1F	F0 17
UNASSIGNED	5B 62 63 64 65	DB E2	1F	
UNASSIGNED	62 63 64 65	E2		E0 1E
UNASSIGNED	63 64 65			FU IF
UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	64 65		56	F0 56
UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	64 65	E3	5E	F0 5E
UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED UNASSIGNED	65	E4	08	F0 08
UNASSIGNED UNASSIGNED UNASSIGNED		E5	10	F0 10
	66	E6	18	F0 18
I UNASSIGNED I UNASSIGNED I UNASSIGNED	67			F0 20
		E7	20	
UNASSIGNED UNASSIGNED UNASSIGNED	68	E8	28	F0 28
UNASSIGNED UNASSIGNED UNASSIGNED	69	E9	30	F0 30
UNASSIGNED UNASSIGNED UNASSIGNED	6A	EA	38	F0 38
UNASSIGNED UNASSIGNED UNASSIGNED	6B	EB	40	F0 40
UNASSIGNED UNASSIGNED UNASSIGNED	6C	EC	48	F0 48
UNASSIGNED UNASSIGNED UNASSIGNED	6D	ED	50	F0 50
UNASSIGNED UNASSIGNED UNASSIGNED	6E	EE	57	F0 57
UNASSIGNED UNASSIGNED UNASSIGNED	6F	EF	6F	F0 6F
UNASSIGNED UNASSIGNED UNASSIGNED	71	F1	19	F0 19
UNASSIGNED UNASSIGNED UNASSIGNED	72	F2	39	F0 39
UNASSIGNED UNASSIGNED UNASSIGNED	74	F4	53	F0 53
UNASSIGNED UNASSIGNED UNASSIGNED	75	F5	5C	F0 5C
UNASSIGNED UNASSIGNED UNASSIGNED	E0 01	E0 81	E0 76	E0 F0 76
UNASSIGNED UNASSIGNED UNASSIGNED	E0 02	E0 82	E0 16	E0 F0 16
UNASSIGNED UNASSIGNED UNASSIGNED	E0 03	E0 83	E0 1E	E0 F0 1E
UNASSIGNED UNASSIGNED UNASSIGNED	E0 04	E0 84	E0 26	E0 F0 26
UNASSIGNED UNASSIGNED UNASSIGNED	E0 05	E0 85	E0 25	E0 F0 25
UNASSIGNED UNASSIGNED UNASSIGNED	E0 06	E0 86	E0 2E	E0 F0 2E
UNASSIGNED UNASSIGNED UNASSIGNED	E0 07	E0 87	E0 36	E0 F0 36
UNASSIGNED UNASSIGNED UNASSIGNED	E0 08	E0 88	E0 3D	E0 F0 3D
UNASSIGNED UNASSIGNED UNASSIGNED	E0 09	E0 89	E0 3E	E0 F0 3E
UNASSIGNED UNASSIGNED UNASSIGNED	E0 0A	E0 0A	E0 46	E0 F0 46
		E0 0A		
UNASSIGNED UNASSIGNED UNASSIGNED	E0 0B		E0 45	E0 F0 45
UNASSIGNED UNASSIGNED UNASSIGNED	E0 0C	E0 0C	E0 4E	E0 F0 4E
UNASSIGNED UNASSIGNED UNASSIGNED	E0 0D	E0 0D	E0 55	E0 F0 55
UNASSIGNED UNASSIGNED UNASSIGNED	E0 0E	E0 0E	E0 66	E0 F0 66
UNASSIGNED UNASSIGNED UNASSIGNED	E0 0F	E0 0F	E0 0D	E0 F0 0D
UNASSIGNED UNASSIGNED UNASSIGNED	E0 11	E0 91	E0 1D	E0 F0 1D
UNASSIGNED UNASSIGNED UNASSIGNED	E0 12	E0 92	E0 24	E0 F0 24
UNASSIGNED UNASSIGNED UNASSIGNED	E0 13	E0 93	E0 2D	E0 F0 2D
UNASSIGNED UNASSIGNED UNASSIGNED	E0 14	E0 94	E0 2C	E0 F0 2C
UNASSIGNED UNASSIGNED UNASSIGNED	E0 15	E0 95	E0 35	E0 F0 35
UNASSIGNED UNASSIGNED UNASSIGNED	E0 16	E0 96	E0 3C	E0 F0 3C
UNASSIGNED UNASSIGNED UNASSIGNED	E0 17	E0 97	E0 43	E0 F0 43
UNASSIGNED UNASSIGNED UNASSIGNED	E0 18	E0 98	E0 44	E0 F0 44
UNASSIGNED UNASSIGNED UNASSIGNED	E0 1A	E0 9A	E0 54	E0 F0 54
UNASSIGNED UNASSIGNED UNASSIGNED	E0 1B	E0 9B	E0 5B	E0 F0 5B
UNASSIGNED UNASSIGNED UNASSIGNED	E0 1E	E0 9E	E0 1C	E0 F0 1C
UNASSIGNED UNASSIGNED UNASSIGNED	E0 1F	E0 9F	E0 1B	E0 F0 1B
UNASSIGNED UNASSIGNED UNASSIGNED	E0 23	E0 A3	E0 33	E0 F0 33
UNASSIGNED UNASSIGNED UNASSIGNED	E0 25	E0 A5	E0 42	E0 F0 42
UNASSIGNED UNASSIGNED UNASSIGNED	E0 26	E0 A6	E0 4B	E0 F0 4B
UNASSIGNED UNASSIGNED UNASSIGNED	E0 27	E0 A7	E0 4C	E0 F0 4C
UNASSIGNED UNASSIGNED UNASSIGNED	E0 28	E0 A8	E0 52	E0 F0 52
UNASSIGNED UNASSIGNED UNASSIGNED	E0 29	E0 A9	E0 0E	E0 F0 0E
UNASSIGNED UNASSIGNED UNASSIGNED	E0 2A	E0 AA	E0 12	E0 F0 12
UNASSIGNED UNASSIGNED UNASSIGNED	E0 2B	E0 AB	E0 5D	E0 F0 5D
UNASSIGNED UNASSIGNED UNASSIGNED	E0 2B	E0 AC	E0 1A	E0 F0 5D E0 F0 1A
UNASSIGNED UNASSIGNED UNASSIGNED	E0 2D	E0 AD	E0 22	E0 F0 22
UNASSIGNED UNASSIGNED UNASSIGNED	E0 2F	E0 AF	E0 2A	E0 F0 2A
UNASSIGNED UNASSIGNED UNASSIGNED	E0 31	E0 B1	E0 31	E0 F0 31
UNASSIGNED UNASSIGNED UNASSIGNED	E0 33	E0 B3	E0 41	E0 F0 41
UNASSIGNED UNASSIGNED UNASSIGNED	E0 34	E0 B4	E0 49	E0 F0 49
UNASSIGNED UNASSIGNED UNASSIGNED	E0 36	E0 B6	E0 59	E0 F0 59
UNASSIGNED UNASSIGNED UNASSIGNED	E0 39	E0 B9	E0 29	E0 F0 29
UNASSIGNED UNASSIGNED UNASSIGNED	E0 3A	E0 BA	E0 58	E0 F0 58
UNASSIGNED UNASSIGNED UNASSIGNED	E0 3B	E0 BB	E0 05	E0 F0 05
UNASSIGNED UNASSIGNED UNASSIGNED	E0 3C	E0 BC	E0 06	E0 F0 06
UNASSIGNED UNASSIGNED UNASSIGNED	E0 3D	E0 BD	E0 04	E0 F0 04
UNASSIGNED UNASSIGNED UNASSIGNED	E0 3E	E0 BE	E0 0C	E0 F0 0C
UNASSIGNED UNASSIGNED UNASSIGNED	E0 3E	E0 BF	E0 00	E0 F0 0C
UNASSIGNED UNASSIGNED UNASSIGNED	E0 40	E0 C0	E0 0B	E0 F0 0B
UNASSIGNED UNASSIGNED UNASSIGNED	E0 41	E0 C1	E0 02	E0 F0 02
UNASSIGNED UNASSIGNED UNASSIGNED	E0 42	E0 C2	E0 83	E0 F0 83
UNASSIGNED UNASSIGNED UNASSIGNED	E0 43	E0 C3	E0 0A	E0 F0 0A
UNASSIGNED UNASSIGNED UNASSIGNED	E0 44	E0 C4	E0 01	E0 F0 01
UNASSIGNED UNASSIGNED UNASSIGNED	E0 45	E0 C5	E0 09	E0 F0 09
UNASSIGNED UNASSIGNED UNASSIGNED	E0 4A	E0 CA	E0 7B	E0 F0 7B
UNASSIGNED UNASSIGNED UNASSIGNED	E0 4C	E0 CC	E0 73	E0 F0 73
UNASSIGNED UNASSIGNED UNASSIGNED	E0 4E	E0 CE	E0 79	E0 F0 79
UNASSIGNED UNASSIGNED UNASSIGNED	E0 54	E0 D4	E0 7F	E0 F0 7F

*	Under all Microsoft operating systems, all PS/2 keyboards actually transmit Scan Code Set 2 values down the wire from the keyboard to the keyboard port. These values are translated to Scan Code Set 1 by the i8042 port chip. The rest of the operating system, and all applications that handle scan codes expect the values to be from Scan Code Set 1.						
Note 2	These keys have various legends depending upon the locale for which the keyboard is manufactured. Europe 1 is typically in AT-101 Key Position 42 next to the Enter key. Europe 2 is typically in AT-101 Key Position 45, between the Left Shift and Z keys.						
Note 1	Note 1 In PS/2 mode, Scan Set 1, these keys have special codes prepended or appended depending upon the state of one or more modifier keys. These codes are documented in WHQLKEYS.DOC, available from Microsoft.						
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 79	E0 F9	E0 64	E0 F0 64	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 78	E0 F8	E0 63	E0 F0 63	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 77	E0 F7	E0 62	E0 F0 62	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 76	E0 F6	E0 5F	E0 F0 5F	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 75	E0 F5	E0 5C	E0 F0 5C	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 74	E0 F4	E0 53	E0 F0 53	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 73	E0 F3	E0 51	E0 F0 51	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 72	E0 F2	E0 39	E0 F0 39	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 71	E0 F1	E0 19	E0 F0 19	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 70	E0 F0	E0 13	E0 F0 13	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 6F	E0 EF	E0 6F	E0 F0 6F	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 6E	E0 EE	E0 57	E0 F0 57	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 62	E0 E2	E0 08	E0 F0 08	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 5A E0 62	E0 DA E0 E2	E0 17	E0 F0 17	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 59	E0 D9	E0 0F	E0 F0 0F	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 56 E0 59	E0 D8	E0 07	E0 F0 07	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 57 E0 58	E0 D7	E0 78	E0 F0 78	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 50	E0 D0	E0 78	E0 F0 78	
UNASSIGNED	UNASSIGNED	UNASSIGNED	E0 55	E0 D5	E0 60 E0 61	E0 F0 60 E0 F0 61	
UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED	UNASSIGNED UNASSIGNED	E0 54 E0 55	E0 D4 E0 D5	E0 84 E0 60	E0 F0 84 E0 F0 60	