Taiwanese Hakka - Pronunciation

1. Consonants									
Bopomofo	勺	文	П	匚	万	う	为	占	3
Taiwan Hakka Romanization	b	р	m	f	V	bb	d	t	n
IPA Phonetics	[p=]	[p ^h]	[m]	[f]	[v/v]	[b]	[t ⁼]	[tʰ]	[n]
Notes						[1]			
Bopomofo	为	巜	万	兀	Г	Ч	<	广	Т
Taiwan Hakka Romanization	1	g	k	ng	h	j(i)	q(i)	ng(i)	x(i)
IPA Phonetics	[1]	[k⁼]	$[k^{ m h}]$	[ŋ]	[h]	[te=(i)]	$[t e^h(i)]$	[ɲ(i)]	[c(i)]
Notes					[4]	[2]	[2]		[2]
Bopomofo	屮	4	ア	回	Ţ	ち	4		
Taiwan Hakka Romanization	zh	ch	sh	rh	z	с	S		
IPA Phonetics	[¶¯]	[ʧʰ]	ហ	[3]	[ts ⁼]	[ts ^h]	[s]		
Notes	[3]	([3]	([3]	[3]					
2. Vowels									
Bopomofo	Y	て	₹	さ	せ	セ	—	币	メ
Taiwan Hakka Romanization	a	0	00	er	e	ee	i	ii	u
IPA Phonetics	[a]	[၁]	[0]	[٢]	[٤]	[e]	[i]	[1 / L]	[u]
Notes			[5]	(6]		[5]		Usually not labeled	
3. Syllabic Consonants									
Bopomofo	Ш	乃	兀	ウ	为	«			
Taiwan Hakka Romanization	-m	-n	-ng	-p	-t	-k			
IPA Phonetics	[ṃ]	[ņ]	[ŋ]	[p]	[t]	[k]			
4. Tones	Layout: Tone s	ymbols→Tone v	⁄alues→IPA Pho	onetics					
Northern Xiien	v´ 24 [イ]		vˇ 11 [الـا]	v` 31 [√]	v 55 [11]		vd` 2 [₄]		vd 5 [1]
Southern Xiian	v´ 24 [ɬ]	v⁺ 33 [ℍ]	v* 11 [IJ]	v`31 [√]	v 55	[וו]	vd` 2 [↓]		vd 5 [1]
Hoiliug	v` 53 [Y]		v 55 [11]	v´ 24 [ɬ]	v* 11 [11]	v⁺ 33 [ℲℲ]	vd 5 [1]		vď 2 [4]
Taibu	v⁺ 33 [ℲℲ]	v′ 35 [1]	vˇ 113 [لـ]	v^ 31 [√]	v` 5.	3 [۲]	vd^ 21 [J]		vd` 54 [1]
Ngiaupin (Xinzhu)	vˇ 11 [۱۱]		v 55 [11]	v` 53 [Y]	v´ 24 [イ]		v` 2 [4]		v 54 [٦]
Ngiaupin (Zhuolan)	vˇ 11 [الـا]		v` 53 [Y]	v^ 31 [√]	v 55 [11]		v` 2 [4]	v´ 24 [4]	v 5 [٦]
Zhioon	v` 11 [الد]		v` 53 [Y]	v^ 31 [\]	v 55 [11]		vď 24 [ʎ]		vd` 43 [†]

* "v" in the Tones part means normal vowels, and vd stands for vowels end with b, d, g. (No audible release)

Tips:

- O[1] Used in Zhaoan accent, Nantou Guoxing
 Township and some of the Southern Hakka
 areas.
- Only for North Xiienand Southern Xiian accent.
- O[3] Used in Taipu, Hoiliug, Ngiaupin, Zhioon Accents, even it's "虫, イ, 戸, 口 / zh, ch, sh, rh" but unlike Mandarin Chinese, it is pronounced with no retroflex sound, which means in Mandarin Chinese is pronounced as [句z], but in Hakka, it's pronounced like [ʤ].
- o[4] In Hakka, " \mathcal{F} /h" is pronounced Voiceless glottal fricative, in IPA it's [h], Unlike Mandarin Chinese Voiceless velar fricative [x].
 - [5] Only for Zhioon accent.
 - [6] Used in Hoiling, Ngiaupin Accent.