

The Bitstream International Character Set

The `vst_charmap()` and `vqt_get_table()` functions provide access to the entire Speedo character set by specifying characters as **WORD** size Bitstream index values rather than **BYTE** size ASCII values. The following table lists the available Bitstream Speedo index and ID numbers.

All current Atari calls refer to Bitstream indexes rather than character ID. There is an important difference between these two. Characters never change ID numbers between fonts, however they may change index positions. When specifying character indexes with Atari calls it is important to note which character set the font was created with to provide accurate mapping. The following table lists indexes for the most common set, the Bitstream International Character Set represented in the typeface ‘Swiss 721’.

IDX	ID	Char
0	32	
1	33	!
2	34	
3	35	#
4	36	\$

IDX	ID	Char
5	37	%
6	38	&
7	39	,
8	40	(
9	41)

IDX	ID	Char
10	42	*
11	43	+
12	44	,
13	45	-
14	46	.

G.8 – Speedo Character Map

IDX	ID	Char
15	47	/
16	48	0
17	49	1
18	50	2
19	51	3
20	52	4
21	53	5
22	54	6

IDX	ID	Char
23	55	7
24	56	8
25	57	9
26	58	:
27	59	;
28	60	<
29	61	=
30	62	>

IDX	ID	Char
31	63	?
32	64	@
33	65	A
34	66	B
35	67	C
36	68	D
37	69	E
38	70	F

IDX	ID	Char
39	71	G
40	72	H
41	73	I
42	74	J
43	75	K
44	76	L
45	77	M
46	78	N

IDX	ID	Char
47	79	O
48	80	P
49	81	Q
50	82	R
51	83	S
52	84	T
53	85	U
54	86	V

IDX	ID	Char
55	87	W
56	88	X
57	89	Y
58	90	Z
59	91	[
60	92	\
61	93]
62	94	^

G.10 – Speedo Character Map

IDX	ID	Char
63	95	—
64	96	、
65	97	a
66	98	b
67	99	c
68	100	d
69	101	e
70	102	f

IDX	ID	Char
71	103	g
72	104	h
73	105	i
74	106	j
75	107	k
76	108	l
77	109	m
78	110	n

IDX	ID	Char
79	111	o
80	112	p
81	113	q
82	114	r
83	115	s
84	116	t
85	117	u
86	118	v

IDX	ID	Char
87	119	W
88	120	X
89	121	y
90	122	Z
91	123	{
92	124	
93	125	}
94	126	~

IDX	ID	Char
95	129	fi
96	130	fl
97	131	£
98	132	¢
99	133	f
100	134	‰
101	135	/
102	136	.

IDX	ID	Char
103	137	‘
104	138	“
105	139	”
106	140	,
107	141	”
108	142	†
109	143	‡
110	144	§

G.12 – Speedo Character Map

IDX	ID	Char
111	145	—
112	146	—
113	147	Å
114	148	Æ
115	149	Ø
116	150	Œ
117	151	å
118	152	æ

IDX	ID	Char
119	153	∅
120	154	œ
121	155	β
122	156	ı
123	157	◀
124	158	▶
125	159	◀◀
126	160	▶▶

IDX	ID	Char
127	161	¿
128	162	¡
129	163	´
130	164	´
131	165	`
132	167	`
133	168	^
134	169	^

IDX	ID	Char
135	170	••
136	171	••
137	172	~
138	173	~
139	174	∨
140	175	∨
141	176	⤴
142	177	┆

IDX	ID	Char
143	178	—
144	179	⤴
145	180	⤴
146	181	○
147	182	○
148	183	⊘
149	184	⊘
150	185	1/8

IDX	ID	Char
151	186	1/4
152	187	3/8
153	188	1/2
154	189	5/8
155	190	3/4
156	191	7/8
157	192	1/3
158	193	2/3

G.14 – Speedo Character Map

IDX	ID	Char
159	194	1
160	195	2
161	196	3
162	197	4
163	198	5
164	199	6
165	200	7
166	201	8

IDX	ID	Char
167	202	9
168	203	0
169	225	Đ
170	226	Ł
171	227	Ą
172	228	Ę
173	229	đ
174	230	ł

IDX	ID	Char
175	231	Ł'
176	233	J
177	234	ą
178	235	ę
179	236	Ł.L
180	237	H
181	238	·
182	239	·

IDX	ID	Char
183	240	”
184	241	”
185	242	’
186	243	-
187	244	.
188	245	,
189	246	ı
190	247	ı

IDX	ID	Char
191	248	-
192	249	-
193	320	ń
194	321	Ń
195	322	ñ
196	323	Ñ
197	324	ň
198	325	Ň

IDX	ID	Char
199	326	ó
200	327	Ó
201	328	ò
202	329	Ò
203	330	ô
204	331	Ô
205	332	ö
206	333	Ö

G.16 – Speedo Character Map

IDX	ID	Char
207	334	õ
208	335	Õ
209	336	ú
210	337	Ú
211	338	ù
212	339	Ù
213	340	û
214	341	Û

IDX	ID	Char
215	342	ü
216	343	Ü
217	344	ũ
218	345	Ũ
219	346	ů
220	347	Ů
221	348	ÿ
222	349	ÿ

IDX	ID	Char
223	350	ý
224	351	Ý
225	353	$\frac{1}{4}$
226	354	$\frac{1}{2}$
227	355	$\frac{3}{4}$
228	362)
229	363	(
230	366	—

IDX	ID	Char
231	367	/
232	368	’
233	369	ĩ
234	370	ĩ
235	371	ï
236	372	ï
237	373	î
238	374	î

IDX	ID	Char
239	375	ì
240	376	ì
241	377	í
242	378	í
243	379	ě
244	380	ě
245	383	Ě
246	384	ě


IDX	ID	Char
247	385	Ê
248	386	ê
249	387	È
250	388	è
251	389	É
252	390	é
253	391	Ā
254	392	ā

G.18 – Speedo Character Map

IDX	ID	Char
255	393	Ä
256	394	ä
257	395	Â
258	396	â
259	397	À
260	398	à
261	399	Á
262	400	á

IDX	ID	Char
263	404	'n
264	410	ı
265	411	!!
266	414	Pt
267	418	—
268	421	ı
269	422	,
270	423	...

IDX	ID	Char
271	424	Ɔ
272	425	Ɔ
273	426	ö
274	427	¥
275	433	ij
276	434	ı
277	435	ı
278	436	⊗

IDX	ID	Char
279	442	
280	446	ffl
281	447	ffi
282	448	ff
283	449	—
284	450	X
285	451	÷
286	452	±

IDX	ID	Char
287	453	≡
288	454	≠
289	455	≈
290	456	∩
291	457	∪
292	458	↓
293	459	←
294	460	→



IDX	ID	Char
295	461	↑
296	462	↕
297	463	↔
298	464	∩
299	465	∪
300	470	ƒ
301	471	J
302	476	√


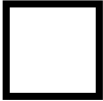


G.20 – Speedo Character Map







IDX	ID	Char
303	478	∞
304	479	■
305	480	■
306	481	■
307	482	■
308	484	■
309	486	└
310	487	└

IDX	ID	Char
311	488	—
312	489	+
313	500	Γ
314	501	Δ
315	505	Θ
316	515	Σ
317	518	Φ
318	521	Ω

IDX	ID	Char
319	522	α
320	523	β
321	526	δ
322	527	ε
323	529	η
324	530	θ
325	534	μ
326	538	π

IDX	ID	Char
327	540	σ
328	542	τ
329	544	φ
330	562	
331	563	
332	564	©
333	565	®
334	566	TM

IDX	ID	Char
335	567	
336	568	
337	570	'
338	571	''
339	572	○
340	573	
341	575	●
342	576	

IDX	ID	Char
343	577	
344	579	
345	581	
346	582	
347	583	
348	584	
349	585	♂
350	586	♀

G.22 – Speedo Character Map

IDX	ID	Char
351	587	♥
352	588	♣
353	589	♦
354	590	♠
355	591	—
356	592	丨
357	593	■ ■ ■ ■ ■ ■ ■ ■ ■
358	594	■ ■

IDX	ID	Char
359	595	▣ ▣ ▣ ▣ ▣
360	598	☀
361	599	☺
362	600	☺
363	605	t'
364	606	T'
365	607	ŷ
366	608	Ŷ

IDX	ID	Char
367	609	ž
368	610	Ž
369	611	ž
370	612	Ž
371	613	ž
372	614	Ž
373	619	ä
374	620	Ä

IDX	ID	Char
375	621	Ć
376	622	Ć
377	623	č
378	624	Č
379	625	d'
380	628	d̄
381	629	Ď
382	630	ē

IDX	ID	Char
383	631	Ē
384	634	ğ
385	637	Ğ
386	638	ī
387	639	ī
388	640	i
389	641	i
390	642	ı

IDX	ID	Char
391	643	ı
392	644	ķ
393	645	Ķ
394	646	í
395	647	Í
396	648	ī
397	649	Ī
398	650	ı

G.24 – Speedo Character Map

IDX	ID	Char
399	651	Ł
400	653	Ń
401	654	ł
402	655	Ń
403	656	Ō
404	657	Ō
405	660	ř
406	661	Ř

IDX	ID	Char
407	662	ŗ
408	663	Ŕ
409	664	Ś
410	665	Ś
411	666	š
412	667	Š
413	669	Š
414	670	š

IDX	ID	Char
415	671	Ş
416	674	ţ
417	675	Ț
418	676	ţ
419	677	Ț
420	678	ū
421	679	Ū
422	680	ū

IDX	ID	Char
423	681	Ü
424	682	Ŵ
425	683	Ŷ
426	684	ÿ
427	685	Ÿ
428	693	♫
429	695	α
430	797	⌊

IDX	ID	Char
431	1223	/
432	1364	ˊ
433	1365	ˋ
434	1368	ˋ
435	1369	ˋ
436	1372	ˆ
437	1373	ˆ
438	1376	▪▪

IDX	ID	Char
439	1377	▪▪
440	1380	˜
441	1381	˜
442	1384	∨
443	1385	∨
444	1388	⤵
445	1392	—
446	1393	—

G.26 – Speedo Character Map

IDX	ID	Char
447	1396	◡
448	1397	◡
449	1400	◦
450	1401	◦
451	1661	L.
452	1667	l.
453	1743	▪
454	1744	▪

IDX	ID	Char
455	1747	//
456	1748	//
457	1751	,
458	1752	,
459	1753	,
460	1756	-
461	1761	▪
462	1766	,




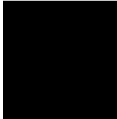




IDX	ID	Char
463	1771	◡
464	1776	◡
465	1996	—
466	2022	1
467	2028	2
468	2034	3
469	2040	4
470	2046	5









IDX	ID	Char
471	2052	6
472	2058	7
473	2064	8
474	2070	9
475	2076	0
476	2647	ā
477	2653	Ā
478	2776	D'



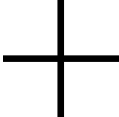





IDX	ID	Char
479	2984	ǧ
480	2990	Ǧ
481	3396	ñ̄
482	3580	ř̀
483	3586	Ř̀
484	3704	š̄
485	3738	ṣ̌
486	3744	ṣ̌

IDX	ID	Char
487	4472	=
488	4488	,
489	4489	,
490	4490	,
491	4524	Fr
492	4736	±
493	4744	~
494	4903	L

G.28 – Speedo Character Map

IDX	ID	Char
495	5042	
496	5085	
497	5147	
498	5196	
499	5243	
500	5244	
501	5249	
502	5262	

IDX	ID	Char
503	5371	
504	5372	
505	5403	
506	5408	
507	5410	
508	5418	
509	5421	
510	5422	

IDX	ID	Char
511	5423	
512	5424	
513	5427	
514	5428	
515	5429	
516	5430	
517	5431	
518	5432	

IDX	ID	Char
519	5434	==
520	5435	└┘
521	5436	└┘
522	5437	└┘
523	5438	└┘
524	5441	⊕
525	5442	⊕
526	5443	⊕

IDX	ID	Char
527	5444	⊕
528	5445	⊕
529	5446	
530	5461	⊕
531	5462	⊕
532	5463	⊕
533	5464	⊕
534	5465	⊕

IDX	ID	Char
535	5466	⊕
536	5467	⊕
537	5468	⊕
538	5510	a
539	5514	e
540	5518	i
541	5521	l
542	5522	m

G.30 – Speedo Character Map

IDX	ID	Char
543	5523	n
544	5524	o
545	5527	r
546	5528	s
547	5529	t
548	5536	⊥
549	5537	⊥
550	5538	⊥

IDX	ID	Char
551	5539	⊥
552	5540	⊥
553	5541	⊥
554	5542	⊥
555	5543	⊥
556	5544	⊥
557	5545	⊥
558	5548	⊥

IDX	ID	Char
559	5554	◻
560	5594	
561	5595	
562	5596	
563	6458	☹