

OpenSymbol

Basic Latin

	000	001	002	003	004	005	006	007	
0							`		0
			0020				0060		
1			!						1
			0021						
2			"						2
			0022						
3			#						3
			0023						
4									4
5			%						5
			0025						
6			&						6
			0026						
7									7
8			(8
			0028						
9)						9
			0029						
A			*	:					A
			002A	003A					
B			+	;		[{	B
			002B	003B		005B		007B	
C			,	<					C
	000C		002C	003C				007C	
D			-	=]		}	D
	000D		002D	003D		005D		007D	
E			.	>		^		~	E
			002E	003E		005E		007E	
F			/						F
			002F						

OpenSymbol
Latin-1 Supplement

	008	009	00A	00B	00C	00D	00E	00F	
0				○ 00B0					0
1				± 00B1					1
2			¢ 00A2						2
3									3
4			⌘ 00A4	' 00B4					4
5			¥ 00A5						5
6				¶ 00B6					6
7			§ 00A7			× 00D7		÷ 00F7	7
8			.. 00A8						8
9									9
A									A
B			« 00AB	» 00BB					B
C			¬ 00AC						C
D			— 00AD						D
E									E
F			— 00AF	¿ 00BF					F

Latin Extended-B

[illegible]

OpenSymbol
Spacing Modifier Letters

	02B	02C	02D	02E	02F	
0						0
1						1
2						2
3						3
4						4
5						5
6		^ 02C6				6
7		v 02C7				7
8			u 02D8			8
9			• 02D9			9
A		/ 02CA	o 02DA			A
B		\ 02CB				B
C			~ 02DC			C
D						D
E						E
F						F

OpenSymbol

Combining Diacritical Marks

	030	031	032	033	034	035	036	
0	<div><div>◌</div><div>0300</div></div>							0
1	<div><div>◌</div><div>0301</div></div>							1
2	<div><div>◌</div><div>0302</div></div>							2
3	<div><div>◌</div><div>0303</div></div>							3
4	<div><div>◌</div><div>0304</div></div>							4
5								5
6	<div><div>◌</div><div>0306</div></div>							6
7	<div><div>◌</div><div>0307</div></div>							7
8	<div><div>◌</div><div>0308</div></div>							8
9								9
A	<div><div>◌</div><div>030A</div></div>							A
B								B
C	<div><div>◌</div><div>030C</div></div>							C
D								D
E								E
F								F

OpenSymbol
Greek and Coptic

	037	038	039	03A	03B	03C	03D	03E	03F	
0				Π 03A0		π 03C0				0
1			Α 0391	Ρ 03A1	α 03B1	ρ 03C1	ϑ 03D1		Ϡ 03F1	1
2			Β 0392		β 03B2	ς 03C2	Υ 03D2			2
3			Γ 0393	Σ 03A3	γ 03B3	σ 03C3				3
4			Δ 0394	Τ 03A4	δ 03B4	τ 03C4				4
5			Ε 0395	Υ 03A5	ε 03B5	υ 03C5	φ 03D5		€ 03F5	5
6			Ζ 0396	Φ 03A6	ζ 03B6	φ 03C6	ϖ 03D6			6
7			Η 0397	Χ 03A7	η 03B7	χ 03C7				7
8			Θ 0398	Ψ 03A8	θ 03B8	ψ 03C8				8
9			Ι 0399	Ω 03A9	ι 03B9	ω 03C9				9
A			Κ 039A		κ 03BA					A
B			Λ 039B		λ 03BB					B
C			Μ 039C		μ 03BC					C
D			Ν 039D		ν 03BD					D
E			Ξ 039E		ξ 03BE					E
F			Ο 039F		ο 03BF					F

OpenSymbol
General Punctuation

	200	201	202	203	204	205	206	
0			‡ 2020	‰ 2030				0
1			‡ 2021					1
2			• 2022	′ 2032				2
3		— 2013		″ 2033				3
4		— 2014		″″ 2034				4
5								5
6		 2016	… 2026					6
7								7
8		‘ 2018						8
9		’ 2019		‹ 2039				9
A		‚ 201A		› 203A				A
B								B
C		“ 201C						C
D		” 201D						D
E		” 201E						E
F								F

OpenSymbol
Currency Symbols

	20A	20B	20C	
0				
1	₱ 20A1			
2	₣ 20A2			
3	₣ 20A3			
4	£ 20A4			
5				
6				
7				
8	₹ 20A8			
9	₱ 20A9			
A				
B	₱ 20AB			
C	€ 20AC			
D				
E				
F				

OpenSymbol

Combining Diacritical Marks for Symbols

	20D	20E	20F	
0				0
1				1
2				2
3				3
4				4
5				5
6				6
7	→ 2007			7
8				8
9				9
A				A
B	... 200B			B
C				C
D				D
E				E
F				F

OpenSymbol

Letterlike Symbols

	210	211	212	213	214	
0				\mathcal{E} 2130		0
1		\mathfrak{I} 2111		\mathcal{F} 2131		1
2	\mathbb{C} 2102	\mathcal{L} 2112	TM 2122			2
3		ℓ 2113				3
4			\mathbb{Z} 2124			4
5		IN 2115		\mathfrak{N} 2135		5
6						6
7	\mathcal{E} 2107		\mathfrak{U} 2127			7
8		\wp 2118				8
9						9
A	\mathcal{g} 210A	\mathbb{Q} 211A				A
B						B
C		\mathfrak{R} 211C				C
D		IR 211D				D
E						E
F	\hbar 210F					F

OpenSymbol

Arrows

	219	21A	21B	21C	21D	21E	21F	
0	← 2190				⇐ 21D0			0
1	↑ 2191							1
2	→ 2192				⇒ 21D2			2
3	↓ 2193		↵ 21B3					3
4	↔ 2194				↔ 21D4	↩ 21E4		4
5	↕ 2195		↶ 21B5			↪ 21E5		5
6						↶ 21E6		6
7	↗ 2197					↗ 21E7		7
8	↘ 2198					↘ 21E8		8
9						↘ 21E9		9
A								A
B								B
C								C
D								D
E								E
F								F

OpenSymbol

Mathematical Operators

	220	221	222	223	224	225	226	227	228	229	22A	22B	22C	22D	22E	22F	
0	∇ 2200	\amalg 2210		\mathbb{f} 2230			\neq 2260		$\cancel{\times}$ 2280							\ddots 22F0	0
1		Σ 2211	\angle 2221				\equiv 2261		$\cancel{\times}$ 2281							\ddots 22F1	1
2	∂ 2202	$-$ 2212	$\cancel{\times}$ 2222						\subset 2282								2
3	\exists 2203	\mp 2213	$ $ 2223		\approx 2243				\supset 2283								3
4	\nexists 2204		\dagger 2224			\coloneqq 2254	\leq 2264		$\not\subset$ 2284		\top 22A4						4
5	\emptyset 2205		\parallel 2225		\approx 2245	\coloneqq 2255	\geq 2265		$\not\supset$ 2285	\oplus 2295	\perp 22A5		\cdot 22C5				5
6		\backslash 2216							\subseteq 2286	\ominus 2296		\circ 22B6					6
7	∇ 2207	$*$ 2217	\wedge 2227						\supseteq 2287	\otimes 2297		\circ 22B7					7
8	\in 2208	\circ 2218	\vee 2228		\approx 2248				$\not\subseteq$ 2288	\oslash 2298							8
9	\notin 2209		\cap 2229			\triangleq 2259			$\not\supseteq$ 2289	\odot 2299							9
A		$\sqrt{}$ 221A	\cup 222A				\ll 226A	\prec 227A									A
B	\ni 220B		\int 222B				\gg 226B	\succ 227B									B
C			\iint 222C	\sim 223C				\asymp 227C									C
D	\ni 220D	∞ 221D	\iiint 222D			$\stackrel{\text{def}}{=}$ 225D		\approx 227D									D
E		∞ 221E	\mathbb{f} 222E					\approx 227E				\mathbb{P} 22BE			\vdots 22EE		E
F	\amalg 220F		\mathbb{f} 222F					\approx 227F							\dots 22EF		F

OpenSymbol

Miscellaneous Technical

	230	231	232	233	234	235	236	237	238	239	23A	23B	23C	23D	23E	23F	
0																	0
1																	1
2																	2
3								<i>l</i> 2373									3
4				┐ 2334													4
5																	5
6																	6
7																	7
8	┌ 2308																8
9	┐ 2309		┐ 2329														9
A	└ 230A		┘ 232A														A
B	┑ 230B																B
C																	C
D																	D
E														┐ 23DE			E
F														┐ 23DF			F





























[illegible][illegible]

Box Drawing

[illegible]

OpenSymbol

Geometric Shapes

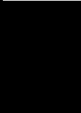






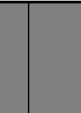

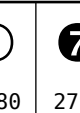









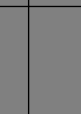















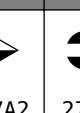


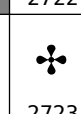
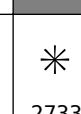



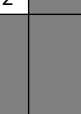






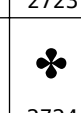





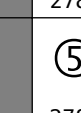
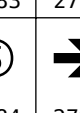




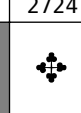

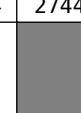


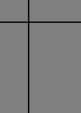

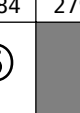



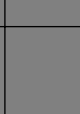
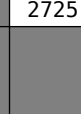
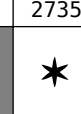
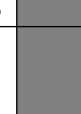

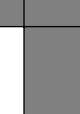

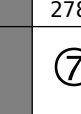




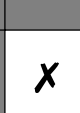
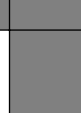
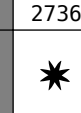
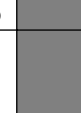
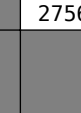
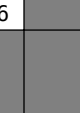
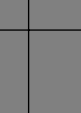
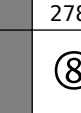
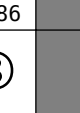



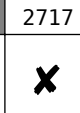
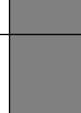

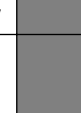

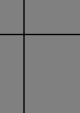
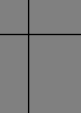
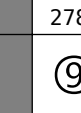
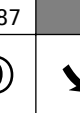


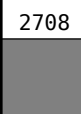






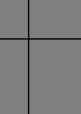
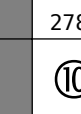
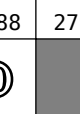
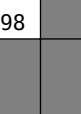
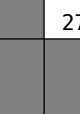

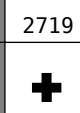

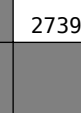

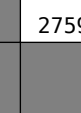



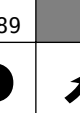



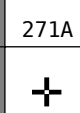






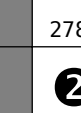
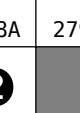
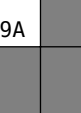


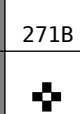






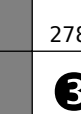




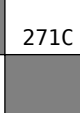






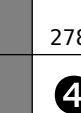
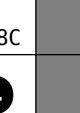


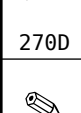

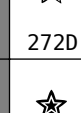

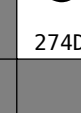




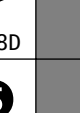


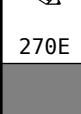

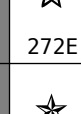
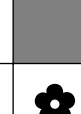





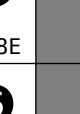


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6		 25B6			 25E6		6
7		 25B7		 25D7			7
8		 25B8					8
9		 25B9					9
A	 25AA	 25BA					A
B	 25AB	 25BB	 25CB				B
C		 25BC					C
D		 25BD					D
E		 25BE					E
F		 25BF	 25CF				F

Miscellaneous Symbols

[illegible]

OpenSymbol

Dingbats

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2	 2702		 2722			 2752	 2762		 2782	 2792	 27A2	 27B2	2
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8	 2708	 2718		 2738					 2788	 2798		 27B8	8
9		 2719		 2739		 2759			 2789				9
A		 271A							 278A	 279A			A
B		 271B	 272B						 278B				B
C		 271C	 272C						 278C				C
D	 270D		 272D		 274D				 278D				D
E	 270E		 272E						 278E				E
F			 272F	 273F	 274F				 278F				F

OpenSymbol

Miscellaneous Mathematical Symbols-A

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3				3
4				4
5				5
6			\parallel 27E6	6
7			\parallel 27E7	7
8			\lessgtr 27E8	8
9			\lessgtr 27E9	9
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B				B
C				C
D				D
E				E
F				F

Supplemental Mathematical Operators

[illegible]

OpenSymbol

CJK Symbols and Punctuation

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






























































































OpenSymbol
Private Use Area

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1	◆ E001	📄 E011	© E021	✳️ E031					⏟ E081	^ E091	△ E0A1	Π E0B1	λ E0C1	ϖ E0D1			1
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3	◆ E003	🎯 E013	😊 E023	🦋 E033					✚ E083	∪ E093		Υ E0B3	ν E0C3	ς E0D3			3
4	◆ E004		® E024	💡 E034					< E084	' E094		Φ E0B4	ξ E0C4	φ E0D4			4
5	◯ E005		➡️ E025						> E085	` E095	ℳ E0A5	Ψ E0B5	ο E0C5	∂ E0D5			5
6	➡️ E006	💾 E016	⬇️ E026	☾ E036					≤ E086	~ E096	/ E0A6	Ω E0B6	π E0C6	ι E0D6			6
7	✓ E007		⬅️ E027	☾ E037					≥ E087	— E097	ℓ E0A7	α E0B7	ρ E0C7				7
8	● E008	💻 E018	⬆️ E028	ℙ E038						→ E098	/ E0A8	β E0B8	σ E0C8				8
9	◯ E009	✉️ E019	★ E029						€ E089		\ E0A9	γ E0B9	τ E0C9	⌈ E0D9			9
A	■ E00A	📄 E01A	📞 E02A	€ E03A					ℱ E08A		◻ E0AA	δ E0BA	υ E0CA				A
B	◻ E00B	📞 E01B	➡️ E02B						… E08B	… E09B	 E0AB	€ E0BB	φ E0CB	← E0DB			B
C	◆ E00C	^ E01C	⬇️ E02C						→ E08C		Γ E0AC	ζ E0BC	χ E0CC	↑ E0DC			C
D	◆ E00D	~ E01D	← E02D						√ E08D		Δ E0AD	η E0BD	Ψ E0CD	↓ E0DD			D
E	◆ E00E	• E01E	↑ E02E						√ E08E	(E09E	⊕ E0AE	θ E0BE	ω E0CE				E
F	⓪ E00F	❗ E01F	⚙️ E02F						√ E08F) E09F	Λ E0AF	ι E0BF	ε E0CF				F

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Private Use Area

[illegible]












































































































































OpenSymbol
Private Use Area

	E20	E21	E22	E23	E24	E25	E26	E27	E28	E29	E2A	E2B	E2C	E2D	E2E	E2F
0	 E200	 E210	 E220	 E230	 E240	 E250	 E260									
1	 E201	 E211	 E221	 E231	 E241	 E251	 E261									
2		 E212	 E222	 E232	 E242	 E252										
3	 E203	 E213	 E223	 E233	 E243	 E253										
4	 E204	 E214	 E224	 E234	 E244	 E254										
5	 E205	 E215	 E225	 E235	 E245	 E255										
6	 E206	 E216	 E226	 E236	 E246	 E256										
7	 E207	 E217	 E227	 E237	 E247	 E257										
8	 E208	 E218	 E228	 E238	 E248	 E258										
9	 E209	 E219	 E229	 E239	 E249	 E259										
A	 E20A	 E21A	 E22A	 E23A	 E24A	 E25A										
B	 E20B	 E21B	 E22B	 E23B	 E24B	 E25B										
C	 E20C	 E21C	 E22C	 E23C	 E24C											
D	 E20D	 E21D	 E22D	 E23D	 E24D	 E25D										
E	 E20E	 E21E	 E22E	 E23E	 E24E	 E25E										
F	 E20F	 E21F	 E22F		 E24F	 E25F										











































































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[illegible]

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	E40	E41	E42	E43	E44	E45	E46	E47	E48	E49	E4A	E4B	E4C	E4D	E4E	E4F	
0	 E400			 E430	 E440	 E450		 E470		 E490	 E4A0	 E4B0	 E4C0				0
1	 E401				 E441	 E451		 E471		 E491	 E4A1	 E4B1	 E4C1				1
2				 E432	 E442	 E452		 E472		 E492	 E4A2	 E4B2	 E4C2				2
3				 E433	 E443	 E453		 E473			 E4A3	 E4B3	 E4C3				3
4				 E434	 E444	 E454		 E474			 E4A4	 E4B4	 E4C4				4
5			 E425		 E445	 E455		 E475		 E495	 E4A5	 E4B5					5
6			 E426		 E446	 E456	 E466	 E476		 E496	 E4A6	 E4B6					6
7	 E407		 E427	 E437	 E447	 E457	 E467	 E477		 E497	 E4A7	 E4B7					7
8				 E438	 E448	 E458	 E468	 E478		 E498	 E4A8	 E4B8					8
9	 E409		 E429	 E439	 E449	 E459	 E469	 E479		 E499	 E4A9	 E4B9					9
A	 E40A			 E43A	 E44A	 E45A	 E46A	 E47A		 E49A	 E4AA	 E4BA					A
B		 E41B		 E43B	 E44B	 E45B	 E46B	 E47B	 E48B	 E49B	 E4AB	 E4BB					B
C		 E41C	 E42C	 E43C	 E44C	 E45C		 E47C	 E48C	 E49C	 E4AC	 E4BC					C
D		 E41D		 E43D	 E44D	 E45D		 E47D	 E48D	 E49D	 E4AD	 E4BD					D
E		 E41E	 E42E	 E43E	 E44E	 E45E	 E46E	 E47E	 E48E	 E49E	 E4AE	 E4BE					E
F			 E42F	 E43F	 E44F		 E46F		 E48F	 E49F	 E4AF	 E4BF					F

OpenSymbol
Private Use Area

	E50	E51	E52	E53	E54	E55	E56	E57	E58	E59	E5A	E5B	E5C	E5D	E5E	E5F	
0			 E520	 E530		 E550		 E570		 E590							0
1			 E521	 E531		 E551		 E571									1
2			 E522	 E532		 E552		 E572									2
3	 E503		 E523	 E533		 E553		 E573		 E593							3
4	 E504		 E524			 E554		 E574	 E584	 E594							4
5	 E505		 E525			 E555		 E575	 E585	 E595	 E5A5						5
6			 E526			 E556			 E586	 E596							6
7	 E507		 E527			 E557			 E587	 E597							7
8			 E528		 E548	 E558		 E578									8
9			 E529		 E549	 E559		 E579									9
A			 E52A		 E54A	 E55A		 E57A									A
B			 E52B		 E54B	 E55B		 E57B									B
C			 E52C		 E54C	 E55C		 E57C									C
D		 E51D			 E54D				 E58D								D
E		 E51E	 E52E		 E54E	 E55E			 E58E								E
F		 E51F	 E52F		 E54F	 E55F			 E58F								F

OpenSymbol
Private Use Area

	E60	E61	E62	E63	E64	E65	E66	E67	E68	E69	E6A	E6B	E6C	E6D	E6E	E6F	
0									← E680	↖ E690	↗ E6A0						0
1									→ E681	↗ E691	↖ E6A1						1
2									↑ E682	↙ E692	↘ E6A2						2
3									↓ E683	↘ E693	↙ E6A3						3
4									↶ E684	← E694							4
5									↷ E685	→ E695							5
6									↵ E686	↑ E696							6
7									↶ E687	↓ E697							7
8									↷ E688	↖ E698							8
9									↵ E689	↗ E699							9
A									↶ E68A	↙ E69A							A
B									↷ E68B	↘ E69B							B
C									← E68C	↖ E69C							C
D									→ E68D	↗ E69D							D
E									↑ E68E	↖ E69E							E
F									↓ E68F	↘ E69F							F