

The 68HC11 Taxonomy

Revised 23:17 15/04/2017

Model	On-Chip Memory (bytes)				External Bus		Primary Timer				GPIO Pins <sup>[25,26]</sup>		Serial I/F	On-Chip 16-bit Arithmetic Co-Proc	A/D Converter		D/A Converter		H/W PWM <sup>[11,22]</sup>		on-chip bank-switched MMU	soft-configured chip-selects	Common Packages <sup>[19]</sup>	Motorola Temp. Grades	Comments		
	RAM	ROM <sup>[1,3]</sup>	PROM <sup>[2,3]</sup>	EEPROM	Max. Avail. Freq. <sup>[18,23]</sup>	Multiplexed?	counter resolution	input capture channels	output compare channels	other primary-timer facilities	single-chip mode	expanded mode			channels	resolution	channels	resolution	channels	resolution							
HC11A0	256	-	-	-	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-	LCC-52, DIP-48, QFP-64	M, V, C	1st ever single-chip MCU containing EEPROM	
L11A0 <sup>[15]</sup>	256	-	-	-	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-				-
HC11A1	256	-	-	512	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-				-
L11A1 <sup>[15]</sup>	256	-	-	512	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-				-
HC11A7	256	8K	-	-	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-				-
L11A7 <sup>[15]</sup>	256	8K	-	-	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-				-
HC11A8	256	8K	-	512	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-				-
L11A8 <sup>[15]</sup>	256	8K	-	512	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-	-			
HC811A2	256	-	-	2K <sup>[7]</sup>	2 MHz <sup>[8]</sup>	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-	LCC-52, DIP-48	0-70 Celsius		
HC811A8	256	-	-	512+8K	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-	LCC-52, DIP-48			
HC11B0 <sup>[4]</sup>	256	-	-	-		multiplexed					38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-													
HC11B1 <sup>[4]</sup>	256	-	-	512		multiplexed					38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-													
HC11B3 <sup>[4]</sup>	256	8K	-	-		multiplexed					38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-													
HC11B8 <sup>[4]</sup>	256	8K	-	512		multiplexed					38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-													
HC11C0 <sup>[17]</sup>	256	-	-	-			16-bit	4/3	4/5	pulse acc, RTI, COP	50	33	SCI, SPI	-	4	8-bit	-	-	2	8-bit	Y (256Kb)	6	PLCC-68, PQFP-64	C	glueless memory interface (separate RE and WE signals, soft-configured chip-selects)		
HC11D0	192	-	-	-	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	32/30 <sup>[9]</sup>	16/14 <sup>[9]</sup>	SCI, SPI	-	-	-	-	-	-	-	-	-	-	LCC-44, DIP-40, QFP-44	M,V,C		
HC11D3	192	4K	-	-	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	32/30 <sup>[9]</sup>	16/14 <sup>[9]</sup>	SCI, SPI	-	-	-	-	-	-	-	-	-	-			-	-
L11D3	192	4K	-	-	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	32/30 <sup>[9]</sup>	16/14 <sup>[9]</sup>	SCI, SPI	-	-	-	-	-	-	-	-	-	-			-	-
HC711D3	192	-	4K	-	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	32/30 <sup>[9]</sup>	16/14 <sup>[9]</sup>	SCI, SPI	-	-	-	-	-	-	-	-	-	-			-	-
HC11ED0	512	-	-	-	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	n/a <sup>[20]</sup>	14/12 <sup>[9]</sup>	SCI, SPI	-	-	-	-	-	-	-	-	-	-	PLCC-44, DIP-40, QFP-44	M, V, C		
HC811E2 <sup>[13]</sup>	256	-	-	2K <sup>[7]</sup>	2 MHz	multiplexed	16-bit	3	5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	4 or 8 <sup>[12]</sup>	8-bit	-	-	-	-	-	-	-	LCC-52, DIP-48	0-70		
HC11E0	512	-	-	-	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	LCC-52, QFP-64, DIP-48, SDIP-64, SDIP-56	M, V, C		
L11E0 <sup>[15]</sup>	512	-	-	-	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
HC11E1	512	-	-	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
L11E1 <sup>[15]</sup>	512	-	-	512	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
HC11E8	512	12K	-	-	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
L11E8 <sup>[15]</sup>	512	12K	-	-	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
HC11E9	512	12K	-	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
L11E9 <sup>[15]</sup>	512	12K	-	512	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
HC711E9	512	-	12K	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-			-	-
S711E9	512	-	12K	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	LCC-52, QFP-64		forcibly disables on-chip OTPROM/ EPROM in expanded operation modes ("enhanced single-chip security").	
HC11E18	768	-	-	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI+, SPI	-	8	8-bit	-	-	-	-	-	-	-	LCC-52, QFP-64	C		
HC11E20	768	20K	-	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI+, SPI	-	8	8-bit	-	-	-	-	-	-	-	LCC-52, QFP-64	M, V, C		
HC711E20	768	-	20K	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI+, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-		
HC11E32	768	32K	-	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI+, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-		
HC11EA9	512	12K	-	512	2.1 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI+	-	8	8-bit	-	-	-	-	-	-	-	LCC-52, PDIP-56	C	power-saving software-programmable voltage-controlled PLL clock circuit	
HC711EA9	512	-	12K	512	2.1 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	38/34 <sup>[12]</sup>	22/18 <sup>[12]</sup>	SCI+	-	8	8-bit	-	-	-	-	-	-	-	LCC-52			
HC11F1	1024	-	-	512 <sup>[7]</sup>	5 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	54	38	SCI+, SPI	-	8	8-bit	-	-	-	-	-	-	4	LCC-68,	M, V, C	4XOUT clock output	
L11F1 <sup>[15]</sup>	1024	-	-	512 <sup>[7]</sup>	3 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	54	38	SCI+, SPI	-	8	8-bit	-	-	-	-	-	-	4	TQFP-80	M, V, C	4XOUT clock output	
HC11FC0	1024	-	-	-	6 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	54	38	SCI, SPI	-	-	-	-	-	-	-	-	-	4	QFP-64,	0-70	DS pin, WAIT pin	
L11FC0 <sup>[15]</sup>	1024	-	-	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	54	38	SCI, SPI	-	-	-	-	-	-	-	-	-	4	TQFP-80,	0-70	DS pin, WAIT pin	
HC11FL0 <sup>[16]</sup>	1024	-	-	-		non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP?	70	54	SCI, SPI, Others?	-	-	-	-	-	-	-	-	-	-	100-pin		has ports I & J in addition to the normal 'F1 ports	
HC11G0	512	-	-	-	2 MHz	non-multiplexed	16-bit	6/3	4/7	pulse acc, RTI, COP	66	42	SCI, SPI	-	8	10-bit	-	-	4	8-bit	-	-	-			additional 16-bit timer (may be externally clocked); additional 3-channel event-	
HC11G5	512	16K	-	-	2 MHz	non-multiplexed	16-bit	6/3	4/7	pulse acc, RTI, COP	66	42	SCI, SPI	-	8	10-bit	-	-	4	8-bit	-	-	-				

Model	On-Chip Memory (bytes)				External Bus		Primary Timer				GPIO Pins <sup>[25,26]</sup>		Serial I/F	On-Chip 16-bit Arithmetic Co-Proc	A/D Converter		D/A Converter		H/W PWM <sup>[11,22]</sup>		on-chip bank-switched MMU	soft-configured chip-selects	Common Packages <sup>[19]</sup>	Motorola Temp. Grades	Comments					
	RAM	ROM <sup>[1,3]</sup>	PROM <sup>[2,3]</sup>	EEPROM	Max. Avail. Freq. <sup>[18,23]</sup>	Multiplexed?	counter resolution	input capture channels	output compare channels	other primary-timer facilities	single-chip mode	expanded mode			channels	resolution	channels	resolution	channels	resolution										
HC711G5	512	-	16K	-	2 MHz	non-multiplexed	16-bit	6/3	4/7	pulse acc, RTI, COP	66	42	SCI, SPI	-	8	10-bit	-	-	4	8-bit	-	-	LCC-84	-	counter; MRDY/HALT bus-hold/clock-stretch control pin					
HC11G7	512	24K	-	-	2 MHz	non-multiplexed	16-bit	6/3	4/7	pulse acc, RTI, COP	66	42	SCI, SPI	-	8	10-bit	-	-	4	8-bit	-	-	-	-	-					
HC11J6	512	16K	-	-	2 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	54		SCI, SPI	-	8	8-bit	-	-	-	-	-	-	1	SDIP-64, PLCC-68	-					
HC711J6	512	-	16K	-	2 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	54		SCI, SPI	-	8	8-bit	-	-	-	-	-	-	1		-					
HC11K0 <sup>[6]</sup>	768	-	-	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
L11K0 <sup>[6]</sup>	768	-	-	-	3 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
HC11K1 <sup>[6]</sup>	768	-	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
L11K1 <sup>[6]</sup>	768	-	-	640	3 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
HC11K3 <sup>[6]</sup>	768	24K	-	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
L11K3 <sup>[6]</sup>	768	24K	-	-	3 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
HC11K4 <sup>[6]</sup>	768	24K	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
L11K4 <sup>[6]</sup>	768	24K	-	640	3 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
HC711K4 <sup>[6]</sup>	768	-	24K	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	y (1Mb)	4	-	-	-					
HC11KA0 <sup>[5,10]</sup>	768	-	-	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI+	-	8	8-bit	-	-	4	8-bit	-	-	-	-	LCC-68, QFP-80	-	-			
HC11KA1 <sup>[5,10]</sup>	768	-	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI+	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-				
HC11KA3 <sup>[5,10]</sup>	768	24K	-	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI+	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-				
HC11KA4 <sup>[5,10]</sup>	768	24K	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI+	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-				
HC711KA4 <sup>[5,10]</sup>	768	-	24K	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI+	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-				
HC11KA2 <sup>[5,10]</sup>	1024	32K	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	LCC-68, QFP-80	M, V, C	directly derived from K4; 4XOUT clock output			
HC711KA2 <sup>[5,10]</sup>	1024	-	32K	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	LCC-68	-	-			
HC11KS2	1024	-	32K	640	5 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	LCC-68, TQFP-80	-	directly derived from K4; no MMU or chip-selects; additional power-saving mode; Tekmos only?			
HC11KS8	1536	-	48K	640	5 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	51	26	SCI+, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-				
HC11KW1	768	-	-	640		non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	80	56	SCI+, SPI+	-	10	10-bit	-	-	4	8-bit	y (1Mb)	4	-	-	TQFP-100	C	2 additional 16-bit timers (which can also be externally clocked), each with 3 output-compare and 1 switchable input-capture/output-compare; 4XOUT			
HC11L0	512	-	-	-	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	M, V, C				
L11L0	512	-	-	-	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	M, V, C			
HC11L1	512	-	-	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	M, V, C			
L11L1	512	-	-	512	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	M, V, C			
HC11L5	512	16K	-	-	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	M, V, C			
L11L5	512	16K	-	-	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	M, V, C			
HC11L6	512	16K	-	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	M, V, C			
L11L6	512	16K	-	512	2 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	M, V, C			
HC711L6	512	-	16K	512	3 MHz	multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	46	30	SCI, SPI	-	8	8-bit	-	-	-	-	-	-	-	-	-	-	V, C			
HC11M2	1280	32K	-	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62		2 SCI, SPI	y	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	LCC-84, QFP-80	-	key wake-ups; 4-channel internal DMA	
HC711M2	1280	-	32K	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62		2 SCI, SPI	y	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	-	-		
HC11N4	768	24K	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62		SCI, SPI	y	12	8-bit	2	8-bit	6	8-bit	-	-	-	-	-	-	LCC-84, QFP-80	-	-	
HC711N4	768	-	24K	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62		SCI, SPI	y	12	8-bit	2	8-bit	6	8-bit	-	-	-	-	-	-	-	-		
HC11P0 <sup>[6]</sup>	1024	-	-	-	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	3 SCI, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	C			
HC11P1 <sup>[6]</sup>	1024	-	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	3 SCI, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	C			
HC11P2 <sup>[6]</sup>	1024	32K	-	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	3 SCI, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	C			
HC711P2 <sup>[6]</sup>	1024	-	32K	640	4 MHz	non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	3 SCI, SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	C			
HC11PA8	2048	48K	-	512			16-bit	4/3	4/5	pulse acc, RTI, COP	47	23	SCI, SPI	-	8	6/8-bit	-	-	-	-	-	-	-	-	-	-	-			
HC711PA8	2048	-	48K	512			16-bit	4/3	4/5	pulse acc, RTI, COP	47	23	SCI, SPI	-	8	6/8-bit	-	-	-	-	-	-	-	-	-	-	-			
HC11PB8	2048	48K	-	512			16-bit	4/3	4/5	pulse acc, RTI, COP	47	23	SCI, SPI	-	8	6/8-bit	-	-	-	-	-	-	-	-	-	-	-			
HC711PB8	2048	-	48K	512			16-bit	4/3	4/5	pulse acc, RTI, COP	47	23	SCI, SPI	-	8	6/8-bit	-	-	-	-	-	-	-	-	-	-	-			
HC11PH8	2048	48K	-	768		non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	2 SCI, 2 SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	LCC-84, TQFP-112	C	1 SCI has MI-bus interface; PLL-clock circuit; key wake-ups; three 8-bit modulus timers; 4XOUT <sup>[24]</sup>	
HC711PH8	2048	-	48K	768		non-multiplexed	16-bit	4/3	4/5	pulse acc, RTI, COP	62	37	2 SCI, 2 SPI	-	8	8-bit	-	-	4	8-bit	-	-	-	-	-	-	-	C		
HC11PM1 <sup>[27]</sup>																														
HC11S6	512	16K	-	640			16-bit	4/3	4/5	pulse acc, RTI, COP	70	46	SCI+, 2 SPI	-	8	8-bit	2	8-bit	4	?-bit	-	-	-	-	-	-	QFP-128	-	32x4-seg LCD driver, Up/Down pulse	
HC711S6	512	-	16K	640			16-bit	4/3	4/5	pulse acc, RTI, COP	70	46	SCI+, 2 SPI	-	8	8-bit	2	8-bit	4	?-bit	-	-	-	-	-	-	-	TQFP-100	-	counter

