

68HC11 Embeddable Product [Selector Guide](#)

Product:	MCU Type	PRU Type	EEPROM (bytes) (MCU+PRU+ext.)	RAM (bytes) (int. + ext.)	# of I/O Lines	8-bit Analog Inputs	Crystal (MHz)	SCI maximum standard baudrate	Module Dimensions (inches) Length x Width x Height	Starter Package OrderCode & Price	Module Order Code (MCU/PRU not included, except on MicroStamp)	Comments
MicroStamp11: 8K 32K 64K	68HC11D0CFB3 (surface mounted)	none	0+0+8K 0+32K 0+32K	192+0 192+0 192+32K	14	none	8 (Turbo: 9.8304)	9600 (Turbo: 38400)	Standard: 1.4x1.0x0.325 64K: 1.4x1.0x0.42	MS11SP8K(T9)* US\$49 CD\$69 MS11SP32K(T9)* US\$77 CD\$108 MS11SP64K(T9)* US\$90 CD\$126	MS11M8K(T9)-□ US\$34 CD\$48 MS11M32K(T9)*- □ US\$62 CD\$87 MS11M64K(T9)*- □ US\$75 CD\$105	-9.83MHz Turbo option (add T9 to order code) -thin circuit board -MCU included -20-pin connector
MicroCore-11 : 8K 32K	68HC11E0FN (socketed)	none	0+8K 0+32K	512+32K	20	8	8 (Turbo: 9.8304)	9600 (Turbo: 38400)	2.0x2.0x0.5	MC11SP8K US\$68 CD\$95 MC11SP32K US\$93 CD\$130	MC11M8K-□ US\$45 CD\$63 MC11M32K- □ US\$70 CD\$98	-use with E-series MCU -26-pin connector
Adapt11	68HC711E9CFN2 (socketed)	none	2K+0	256+0	38	8	8	9600	2.8x1.7x0.6	AD11SP US\$XX CD\$XX DISCONTINUED	AD11M- □ US\$35 CD\$49	-use with OTP E-series MCU -memory expandable to 64K off-board -50-pin connector - module intended for OEM users
Adapt11EVBU	68HC11E9BFN (socketed)	none	512+0	512+0	38	8	8	9600	2.8x1.7x0.6	AD11EVBUSP US\$80 CD\$112	AD11EVBUM- □ US\$35 CD\$49	-Starter Package includes BUFFALO in ROM + prototyping card and solderless breadboard adapter
Adapt11C24DX : 8K 32K 60K	68HC11E0FN (socketed)	68HC24FN (socketed)	0+8K 0+32K 0+32K	512+0 512+0 512+28K	38	8	8 (Turbo: 9.8304)	9600 (Turbo: 38400)	2.8x2.1x0.6	AD11C24DXSP8K US\$95 CD\$142 AD11C24DXSP32K US\$120 CD\$180 AD11C24DXSP60K US\$133 CD\$199	AD11C24DXM8K- □ US\$55 CD\$82 AD11C24DXM32K- □ US\$80 CD\$120 AD11C24DXM60K- □ US\$93 CD\$140 AD11C24DXRM32K- □ US\$55 CD\$82	-use with E-series MCU -60K version has RAM piggy-backed on top of 32K EEPROM -50-pin connector - R version has 32K RAM (instead of EEPROM)
Adapt11C24DXEV	68HC11E9BFN (socketed)	68HC24FN (socketed)	512	512+32K	38	8	8	9600	2.8x2.1x0.6	AD11C24DXEVBS US\$99 CD\$149	n/a	-includes BUFFALO in ROM

NOTES: All modules feature 2 hardware interrupts, 3 or 4 input captures, 4 or 5 output compares, 8-bit pulse accumulator, real-time interrupt, serial peripheral interface (SPI), and low-power shutdown mode. When ordering, replace □ in order code with connector option code. Adapt11 and MicroCore-11 family modules do not include the MCU (and PRU, if applicable), while Starter Packages include the MCU shown and a PRU (if applicable). *Add T9 to order code for "Turbo" option (MicroStamp11, MicroCore-11, and Adapt11C24DX only). Last update: 25 July 2004

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