

HCo5 / HC11

Supplement to the Development Tools for M68HCo8 brochure

1. In-Circuit Emulators

Hitex offers in-circuit emulators for all budgets and all requirements. For a complete system a base system AX, an adaptation probe AP and sometimes an adapter is necessary. The convenient user interface HiTOP is included.

Base systems

Depending on the requirements there are different variants of the universal high-end AX6811-A, AX6811-B and AX6811-C in-circuit emulator.

Adaptation probes and adapters

Depending on the used derivative and package there are different adaptation probes. To change to a new derivative only the adapter or also the adaptation probe can be exchanged with low costs. Please refer to the list of supported derivatives.

Emulator options

The standard connection to the host PC is RS232. To speed up the communication a faster interface option is recommended:

PARAPCI An optional PCI interface card with bi-directional parallel cable (2.5m) to the emulator.

USB2PARA An optional USB interface box to connect the emulator to an USB port of the PC.

To feed up to 8 external signals to the emulator for tracing and triggering an optional logic probe can be delivered. Maximum two of these probes can be connected to the in-Circuit emulator:

PR16 Optional logic probe.

2. RTOS Support

When working with OSEK real time operating systems, the optional RTOS Support package is recommended:
HIROSS-OSEK HiTOP add-on to support all OSEK compliant real time operating systems.

3. Compilers

HIC6805 C Development Environment for HCo5 from Metrowerks.

HIC6811 C Development Environment for HC11 from Metrowerks.

COSC6805 C Development Environment for HCo5 from Cosmic.

COSC6811 C Development Environment for HC11 from Cosmic.

4. Additional Tools

Additional proved and recommended Tools for Embedding Software Quality:

DA-C The Design Assistant in C for a better overview over applications.

Tessy The invaluable automatic test tool.

Derivative	Package	Adaptation Cable	Adapter
68HCo5B	PLCC52	AP6805B	
68HCo5MC	DIP28	AP6805MC	
68HCo5C	PLCC44	AP6805C	
68HCo5P	DIP28	AP6805P	
68HCo5X	QFP64	AP6805X	ZS05-PQ64YL
68HC11E	PLCC52	AP6811A/E	
68HC11EA	PLCC52	AP6811A/E	
68HC11F1	PLCC68	AP6811F1	
68HC11L	PLCC68	AP6811L	
68HC11K	PLCC84	AP6811K/P	
68HC11P	PLCC84	AP6811K/P	
68HC11KA	PLCC68	AP6811K/P	ZS84PL68
68HC11D3	PLCC44	AP6811D3	

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