

M68HCo8

Supplement to the Development Tools for 68HCo8 brochure

1. In-Circuit Emulators

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

Base systems

Depending on the requirements there are the entry level base systems MX6808-L and MX6808 and the systems with more features up to high-end AX6811-A, AX6811-B and AX6811-C.

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

COSC6808 C Development Environment for HCo8 from Cosmic.

HIC6808 C Development Environment for HCo8 from Metrowerks.

4. Evaluation Board

EVAHCo8A Evaluation Board with 68HCo8.

5. 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 Probe	Adapter	Replacement Socket
68HC(9)o8AB0	TQFP100	AP68o8A	ZSo8-TQ100-Y	
68HC(9)o8AB12	PQFP64	AP68o8A	ZSo8-PQ64-Y	
68HC(9)o8AB12	PQFP64	AP68o8A	ZSo8-PQ64-REP	SOMQ64-8o-PGA
68HC(9)o8AB24	PQFP64	AP68o8A	ZSo8-PQ64-Y	
68HC(9)o8AB24	PQFP64	AP68o8A	ZSo8-PQ64-REP	SOMQ64-8o-PG
68HC(9)o8AB32	PQFP64	AP68o8A	ZSo8-PQ64-Y	
68HC(9)o8AB32	PQFP64	AP68o8A	ZSo8-PQ64-REP	SOMQ64-8o-PGA
68HC(9)o8AS60	PLCC52	AP68o8AZ60	ZSo8PL52	
68HC(9)o8AS60	PQFP64	AP68o8AZ60	ZSo8-PQ64-YL	
68HC(9)o8AS60A	PLCC52	AP68o8AZ60	ZSo8PL52	
68HC(9)o8AS60A	PQFP64	AP68o8AZ60	ZSo8-PQ64-YL	
68HC(9)o8AZ0	TQFP100	AP68o8A	ZSo8-TQ100-Y	
68HC(9)o8AZ16	PQFP64	AP68o8A	ZSo8-PQ64-Y	
68HC(9)o8AZ16	PQFP64	AP68o8A	ZSo8-PQ64-REP	SOMQ64-8o-PGA
68HC(9)o8AZ24	PQFP64	AP68o8A	ZSo8-PQ64-Y	
68HC(9)o8AZ24	PQFP64	AP68o8A	ZSo8-PQ64-REP	SOMQ64-8o-PGA
68HC(9)o8AZ32	PQFP64	AP68o8A	ZSo8-PQ64-Y	
68HC(9)o8AZ32	PQFP64	AP68o8A	ZSo8-PQ64-REP	SOMQ64-8o-PGA
68HC(9)o8AZ32A	PQFP64	AP68o8A	ZSo8-PQ64-Y	
68HC(9)o8AZ32A	PQFP64	AP68o8A	ZSo8-PQ64-REP	SOMQ64-8o-PGA
68HC(9)o8AZ60	PQFP64	AP68o8AZ60	ZSo8-PQ64-YL	
68HC(9)o8AZ60A	PQFP64	AP68o8AZ60	ZSo8-PQ64-YL	
68HC(9)o8GP20	TQFP44	AP68o8GP	ZSMQ44-o8o-PL-44	
68HC(9)o8GP32	TQFP44	AP68o8GP	ZSMQ44-o8o-PL-44	
68HC(9)o8GR4	on demand			
68HC(9)o8GR8	on demand			
68HC(9)o8JK	on demand			
68HC(9)o8MR16	on demand			
68HC(9)o8MR32	on demand			
68HC(9)o8MR8	on demand			
68HC(9)o8SR12	on demand			
68HCo8GT	on demand			

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