

32-Bit Development Tools

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Device Numbers	Series	Digi-Key Part No.	Price Each	Freescale Part No.
MCF5211	ColdFire™	M5211DEMO-ND◆	77.41	M5211DEMO
MCF5213	ColdFire	M5213EVBE-ND◆	233.90	M5213EVBE
MCF5270	ColdFire	M5270PROMO-ND	204.45	M5270PROMO
MCF5307	ColdFire	M5307C3-ND	442.47	M5307C3
MCF5280/81/82	ColdFire	M5282LITEE-ND◆	140.06	M5282LITEE
MCF547X	ColdFire	M5474LITEKIT-ND	273.69	M5474LITEKIT
MCF548X	ColdFire	M5484LITEKITE-ND◆	273.69	M5484LITEKITE
MCF5253	ColdFire	M5253EVBE-ND◆	531.75	M5253EVBE
MCF5282 with MC9S08GT60, MC13192, MMA6261, MPXM2053	ColdFire	M5282ZIGBEE-ND	370.26	M5282ZIGBEE
MPC555	PowerPC™	MPC555CME-ND	533.49	MPC555CME
MPC561/62/63/64	PowerPC	MPC564EVB-ND	734.65	MPC564EVB
MCF520X	ColdFire	M5208EVBE-ND◆	252.07	M5208EVBE
MCF5221X	ColdFire	M52211EVB-ND◆	215.95	M52211EVB
MCF5222X	ColdFire	M52221DEMO-ND◆	85.94	M52221DEMO
MCF5222X	ColdFire	M52223EVB-ND◆	216.03	M52223EVB
MCF5223X	ColdFire	M52233DEMO-ND◆	71.50	M52233DEMO
MCF5223X	ColdFire	M52235EVB-ND◆	215.95	M52235EVB
MCF5445X	ColdFire	M54455EVB-ND◆	613.91	M54455EVB

◆ RoHS Compliant

CAN	A/D Converter	Oper. Freq. MHz	Internal Flash (Bytes)	Internal RAM (Bytes)	Package	Serial	Supply Voltage (V) Min. ~ Max.	Timers - Channels	Timers - Number of	Timers - Size (Bit)	Temperature (°C)	Digi-Key Part No.	Price Each	Freescale Part No.		
Felix™ JM USB Microcontroller Family – RoHS Compliant													1	25	100	
CAN	12-Ch., 12-Bit	50	64K	8K	L-PQFP-G44	SCI, SPI, I ² C, USB, CAN	2.7 ~ 5.5	6, 2	1, 1	16, 16	-40 ~ 85	MCF51JM64VLD-ND	5.18	3.70	3.37	MCF51JM64VLD
—	8-Ch., 12-Bit				FL-PQFP-G64							MCF51JM64VLH-ND	4.04	3.35	3.05	MCF51JM64VLH
CAN	12-Ch., 12-Bit				PQFP-G64							MCF51JM64VOH-ND	5.38	3.85	3.50	MCF51JM64VOH
CAN	12-Ch., 12-Bit	50	128K	16K	L-PQFP-G44	SCI, SPI, I ² C, USB, CAN	2.7 ~ 5.5	6, 2	1, 1	16, 16	-40 ~ 85	MCF51JM128VLD-ND	5.63	4.02	3.66	MCF51JM128VLD
—	8-Ch., 12-Bit				FL-PQFP-G64							MCF51JM128VLH-ND	4.38	3.63	3.31	MCF51JM128VLH
CAN	12-Ch., 12-Bit				PQFP-G64							MCF51JM128VOH-ND	5.84	4.18	3.80	MCF51JM128VOH

Flexis™ Microcontroller Series



The DEMOQE128 is a low-cost development system designed for demonstrating, evaluating and debugging the Freescale MC9S08QE128 and MCF51QE128 microcontrollers. The board supports two interchangeable plug-in daughter cards to quickly evaluate the 8-bit S08 and 32-bit ColdFire™ V1QE128 microcontrollers.

The EVBQE128 Evaluation Board has been designed for the evaluation, demonstration and debugging of the Freescale Flexis QE128 Microcontrollers (MC9S08QE128 and MCF51QE128). The EVBQE128 can be used as a standalone application or can be controlled by a host PC via its built-in microDART™ interface.

DEMOQE128-ND 77.41

EVBQE128-ND 254.14

Flexis™ JM Development Tools



The DEMOJM is a cost-effective kit enabling quick microcontroller evaluation. The kit includes a DEMOJM base board, a red MCF51JM128 daughter card, and a green MC9S08JM60 daughter card. The included kit can first be used to demonstrate the features of the MC9S08JM60 devices, starting with an on-chip USB device controller and transceiver. Then, move to MCF51JM128 with an on-chip USB host and device dual-role controller.

The EVB51JM128 is a low-cost development system for the Freescale MCF51JM128 ColdFire® microcontroller, which is a part of the Freescale FLEXIS Microcontroller Continuum.

CodeWarrior Development Tools provide support for quick and easy application development and debug.

DEMOJM-ND 77.41

EVB51JM128-ND 254.14

MPC744X High Performance PowerPC Processor

The MPC744X processor is a high-performance, low-power, 32-Bit implementation of the RISC architecture. Architectural features include 512KB of on-chip L2 cache, a 64-Bit bus interface and a full 128-Bit implemer AltiVec™ technology. MPC744Xprocessors are ideal for leading-edge computing, embedded and signal processing applications.

Bus Frequency (MHz)	Cache (KB)	Operating Frequency	Core Voltage	L2 Cache (KB)	Package	Digi-Key Part No.	Price Each	Freescale Part No.		
							1	25	100	
167	576	733	1.1	512	360-FCCGGA	MC7447AVS733NB-ND◆	83.08	71.14	67.25	MC7447AVS733NB
167	576	1000	1.3	512	360-FCCGGA	MC7447AVS1000LB-ND◆	106.20	95.20	88.01	MC7447AVS1000LB
167	576	1000	1.1	512	360-FCCGGA	MC7447AVS1000NB-ND◆	120.20	104.27	99.62	MC7447AVS1000NB
167	576	1333	1.1	512	360-FCCGGA	MC7447AVS1333LB-ND◆	201.94	181.41	167.98	MC7447AVS1333LB
167	576	1000	1.1	512	360-FCCBGA	MC7447AHX1000NB-ND	109.39	99.81	94.39	MC7447AHX1000NB
167	576	1167	1.1	512	360-FCCBGA	MC7447AHX1167NB-ND	177.08	161.56	152.79	MC7447AHX1167NB
167	576	1420	1.1	512	360-FCCBGA	MC7447AHX1420LB-ND	269.63	246.00	232.65	MC7447AHX1420LB
167	576	600	1.1	512	360-FCCBGA	MC7447AHX600NB-ND	53.10	48.45	45.82	MC7447AHX600NB
167	576	1000	1.1	512	360-FCCBGA	MC7447ATHX1000NB-ND	206.25	188.18	177.96	MC7447ATHX1000NB
167	576	1167	1.1	512	360-FCCBGA	MC7447ATHX1167NB-ND	346.11	315.77	298.64	MC7447ATHX1167NB
—	576	1000	1.1	512	360-FCCBGA	MC7447AVU1000NB-ND◆	109.39	99.81	94.39	MC7447AVU1000NB
200	32	1267	1.3	1M	360-FCCBGA	MC7448HX1267ND-ND	289.67	264.29	249.94	MC7448HX1267ND
200	32	1400	1.3	1M	360-FCCBGA	MC7448HX1400ND-ND	277.46	253.15	239.41	MC7448HX1400ND
200	32	1267	1.3	1M	360-FCCBGA	MC7448THX1267ND-ND	426.66	389.27	368.14	MC7448THX1267ND
200	32	1400	1.6	1M	360-FCCBGA	MC7448VU1400ND-ND	277.46	253.15	239.41	MC7448VU1400ND

◆ RoHS Compliant

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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