

32-Bit Development Tools

Device Numbers	Series	Digi-Key Part No.	Price Each	Freescale Part No.
MCIMX31 MCF5211 MCF5213 MCF5270 MCF5307	i.MX ColdFire™ ColdFire ColdFire ColdFire	MCIMX31LITEKITC-ND♦ M5211DEMO-ND♦ M5213EVBE-ND♦ M5270PROMO-ND M5307C3-ND	688.50 106.63 322.17 281.61 609.46	MCIMX31LITEKITC M5211DEMO M5213EVBE M5270PROMO M5307C3
MCF537X MCF5280/81/82 MCF5270/71 MCF547X MCF548X	ColdFire ColdFire ColdFire ColdFire ColdFire	M5373EVBE-ND M5282LITEE-ND♦ M5271EVBE-ND♦ M5474LITEKIT-ND M5484LITEKITE-ND♦	752.90 192.92 699.05 376.99 376.99	M5373EVBE M5282LITEE M5271EVBE M5474LITEKIT M5484LITEKITE
MCF5253 MCF523X MCF5282 with MC9S08GT60, MC13192, MMA6261, MPXM2053 MPC555 MPC561/62/63/64	ColdFire ColdFire ColdFire PowerPC™ PowerPC	M5253EVBE-ND♦ M523XEVBE-ND♦ M5282ZIGBEE-ND MPC555CME-ND MPC564EVBE-ND	732.44 748.71 510.00 734.83 1011.92	M5253EVBE M523XEVBE M5282ZIGBEE MPC555CME MPC564EVBE
MPC8313E MPC8323E MPC8349E MPC8360E MCF520X	PowerQUICC™ II Pro PowerQUICC II Pro PowerQUICC II Pro PowerQUICC II Pro ColdFire	MPC8313E-RDB-ND♦ MPC8323E-RDB-ND♦ MPC8349E-MITXE-ND♦ MPC8360E-RDK-ND♦ M5208EVBE-ND♦ NEW!	338.02 451.07 790.22 1129.37 347.20	MPC8313E-RDB MPC8323E-RDB MPC8349E-MITXE MPC8360E-RDK M5208EVBE
MCF5221X MCF5222X MCF5223X MCF5223X MCF5223X	ColdFire ColdFire ColdFire ColdFire ColdFire	M52211EVBE-ND♦ NEW! M52221DEMO-ND♦ NEW! M52223EVBE-ND♦ NEW! M52233DEMO-ND♦ NEW! M52235EVBE-ND♦ NEW!	297.45 118.38 297.56 98.49 297.45	M52211EVBE M52221DEMO M52223EVBE M52233DEMO M52235EVBE
MCF5329X MCF5329X MCF5445X MCF5445X MCF548X	ColdFire ColdFire ColdFire ColdFire ColdFire	M5329AFE-ND♦ NEW! M5329BFE-ND♦ NEW! M54455EVBE-ND♦ NEW! M5485AFEE-ND♦ NEW! M5485BFE-ND♦ NEW!	176.66 192.72 845.61 275.42 310.73	M5329AFE M5329BFE M54455EVBE M5485AFEE M5485BFE

♦ 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	1	25	100	Freescale Part No.
Felix™ JM USB Microcontroller Family — RoHS Compliant																	
CAN	12-Ch., 12-Bit	50	64K	8K	L-PQFP-G80	SCI, SPI, I2C, USB, CAN	2.7 - 5.5	6, 2	1, 1	16, 16	-40 - 85	MCF51JM64EVLK-ND	9.09	6.20	5.90	MCF51JM64EVLK	
CAN	12-Ch., 12-Bit				L-PQFP-G44							MCF51JM64VLD-ND	7.86	5.78	5.10	MCF51JM64VLD	
CAN	12-Ch., 12-Bit				FL-PQFP-G64							MCF51JM64VLH-ND	8.15	6.00	5.30	MCF51JM64VLH	
CAN	12-Ch., 12-Bit				L-PQFP-G80							MCF51JM64VLE-ND	8.39	6.17	5.45	MCF51JM64VLE	
CAN	12-Ch., 12-Bit	50	128K	16K	PQFP-G64	SCI, SPI, I2C, USB, CAN	2.7 - 5.5	6, 2	1, 1	16, 16	-40 - 85	MCF51JM64VQH-ND	8.15	6.00	5.30	MCF51JM64VQH	
CAN	12-Ch., 12-Bit				L-PQFP-G80							MCF51JM128EVLD-ND	9.79	6.68	6.36	MCF51JM128EVLD	
CAN	12-Ch., 12-Bit				FL-PQFP-G44							MCF51JM128VLD-ND	8.53	5.83	5.54	MCF51JM128VLD	
CAN	12-Ch., 12-Bit				FL-PQFP-G64							MCF51JM128VLH-ND	8.85	6.04	5.75	MCF51JM128VLH	
CAN	12-Ch., 12-Bit	50	128K	16K	L-PQFP-G80	SCI, SPI, I2C, USB, CAN	2.7 - 5.5	6, 2	1, 1	16, 16	-40 - 85	MCF51JM128VLE-ND	9.09	6.20	5.90	MCF51JM128VLE	
CAN	12-Ch., 12-Bit				PQFP-G64							MCF51JM128VQH-ND	8.85	6.04	5.75	MCF51JM128VQH	

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.

DEMOQE128-ND \$106.63

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.

EVBQE128-ND \$350.06

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.

DEMOJM-ND \$106.63

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.

EVB51JM128-ND \$332.13

MPC744X High Performance PowerPC Processor

The MPC744X processor is a high-performance, low-power, 32-bit implementation of the RISC 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	1	25	100	Freescale Part No.
167	576	733	1.1	512	360-FCCPGA	MC7447AVS733NB-ND♦	114.44	97.99	92.63		MC7447AVS733NB
167	576	1000	1.3	512	360-FCCPGA	MC7447AVS1000LB-ND♦	146.28	131.13	121.23		MC7447AVS1000LB
167	576	1000	1.1	512	360-FCCPGA	MC7447AVS1000NB-ND♦	165.56	143.62	137.21		MC7447AVS1000NB
167	576	1333	1.1	512	360-FCCPGA	MC7447AVS1333LB-ND♦	278.15	249.87	231.38		MC7447AVS1333LB
167	576	1000	1.1	512	360-FCCBGA	MC7447AHX1000NB-ND NEW!	150.68	137.48	130.02		MC7447AHX1000NB
167	576	1167	1.1	512	360-FCCBGA	MC7447AHX1167NB-ND NEW!	243.91	222.53	210.46		MC7447AHX1167NB
167	576	1420	1.1	512	360-FCCBGA	MC7447AHX1420LB-ND NEW!	371.39	338.85	320.46		MC7447AHX1420LB
167	576	600	1.1	512	360-FCCBGA	MC7447AHX600NB-ND NEW!	73.14	66.74	63.12		MC7447AHX600NB
167	576	1000	1.1	512	360-FCCBGA	MC7447ATHX1000NB-ND NEW!	284.09	259.19	245.13		MC7447ATHX1000NB
167	576	1167	1.1	512	360-FCCBGA	MC7447ATHX1167NB-ND NEW!	476.73	434.95	411.34		MC7447ATHX1167NB
200	32	1000	1.1	512	360-FCCBGA	MC7447AVU1000NB-ND♦ NEW!	150.68	137.48	130.02		MC7447AVU1000NB
200	32	1267	1.3	1M	360-FCCBGA	MC7448HX1267ND-ND NEW!	399.00	364.03	344.27		MC7448HX1267ND
200	32	1400	1.3	1M	360-FCCBGA	MC7448HX1400ND-ND NEW!	382.18	348.69	329.77		MC7448HX1400ND
200	32	1267	1.3	1M	360-FCCBGA	MC7448THX1267ND-ND NEW!	587.68	536.18	507.08		MC7448THX1267ND
200	32	1400	1.6	1M	360-FCCBGA	MC7448VU1400ND-ND NEW!	382.18	348.69	329.77		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.

More Product Available Online: www.digikey.com

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