

RAM (Bytes)	SRAM (Bytes)	Flash (Bytes)	Timer	Serial	A/D	PWM	Operating Voltage (V)	Oper. Freq. (MHz)	Temper- ature (°C)	Package	Digi-Key Part No.	Price Each			Freescale Part No.
												1	25	100	
—	—	—	—	—	—	—	5.0	16	-40 ~ 85	132-PQFP	MC68334GFCFC16-ND	24.25	19.02	17.92	MC68334GFCFC16
—	—	—	2-16 Bit	DUART	—	—	3.3 - 5.0	16	-40 ~ 85	144-CQFP	MC68340FE16E-ND	63.94	54.35	47.96	MC68340FE16E
—	—	—	2-16 Bit	DUART	—	—	3.3 - 5.0	25	-40 ~ 85	144-CQFP	MC68340FE25E-ND	86.32	73.38	64.74	MC68340FE25E
—	—	—	4-Ch.	SPI, UART	—	—	5.0	33	-40 ~ 85	240-PQFP	MC68360A125L-ND	56.25	46.85	44.08	MC68360A125L
—	—	—	4-Ch.	SCP, TDM	—	—	3.3 - 5.0	25	-40 ~ 85	240-PQFP	MC68360EM25L-ND	56.25	46.85	44.08	MC68360EM25L
—	—	—	4-Ch.	SCP, TDM	—	—	3.3 - 5.0	25	-40 ~ 85	240-PQFP	MC68360EM25VL-ND	64.94	54.79	52.18	MC68360EM25VL
—	—	—	4-Ch.	SCP, TDM	—	—	3.3 - 5.0	25	-40 ~ 85	357-PBGA	MC68360ZP25L-ND	56.25	46.85	44.08	MC68360ZP25L
—	—	—	4-Ch.	SCP, TDM	—	—	3.3 - 5.0	25	-40 ~ 85	357-PBGA	MC68360ZP25VL-ND	67.81	54.91	53.13	MC68360ZP25VL
512	—	—	—	—	—	—	5.0	25	-40 ~ 85	132-CQFP	MC68EC030FE25C-ND	59.22	50.34	44.42	MC68EC030FE25C
512	—	—	—	—	—	—	5.0	40	0 ~ 70	132-CQFP	MC68EC030FE40C-ND	82.14	69.82	61.61	MC68EC030FE40C
—	—	—	3-Ch.	SCP, DUART	—	—	5.0	20	-40 ~ 85	144-TQFP	MC68EN302AG20BT-ND	39.94	30.35	29.51	MC68EN302AG20BT
—	—	—	3-Ch.	SCP, DUART	—	—	5.0	25	-40 ~ 85	144-TQFP	MC68EN302AG25BT-ND	43.71	36.41	34.26	MC68EN302AG25BT
—	—	—	4-Ch.	SCP, TDM	—	—	3.3 - 5.0	25	-40 ~ 85	240-FQFP	MC68EN360CEM25L-ND	70.04	56.71	54.88	MC68EN360CEM25L
—	—	—	4-Ch.	SCP, TDM	—	—	3.3 - 5.0	25	-40 ~ 85	240-FQFP	MC68EN360EM25L-ND	61.80	52.04	49.54	MC68EN360EM25L
—	—	—	4-Ch.	SCP, TDM	—	—	3.3 - 5.0	25	-40 ~ 85	240-PGA	MC68EN360RC25K-ND	133.62	—	—	MC68EN360RC25K
—	—	—	4-Ch.	UART, SPI, TDM	—	—	5.0	25	-40 ~ 85	357-PBGA	MC68EN360VR25L-ND	63.62	52.99	49.86	MC68EN360VR25L
—	—	—	—	—	—	—	5.0	16	-40 ~ 85	68-PLCC	MC68HC000E116-ND	15.03	11.37	10.48	MC68HC000E116
—	—	—	—	—	—	—	5.0	16	-40 ~ 85	68-PLCC	MC68HC000FN16TR-ND	—	—	—	MC68HC000FN16
—	—	—	—	—	—	—	5.0	16	0 ~ 70	68-PLCC	MC68HC000E116R2CT-ND	13.65	10.33	9.52	MC68HC000E116R2
—	—	—	—	—	—	—	5.0	16	0 ~ 70	68-PLCC	MC68HC000E116R2TR-ND	—	—	—	MC68HC000E116R2
—	—	—	—	—	—	—	5.0	16	0 ~ 70	68-PLCC	MC68HC000IE116-ND	26.34	20.66	19.46	MC68HC000IE116
—	—	—	—	—	—	—	5.0	16	0 ~ 70	64-TQFP	MC68SEC000AA16R2CT-ND	12.18	9.21	8.50	MC68SEC000AA16R2
—	—	—	—	—	—	—	5.0	16	0 ~ 70	64-TQFP	MC68SEC000AA16R2TR-ND	—	—	—	MC68SEC000AA16R2
<b>i.MX™ Processors</b>															
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	200	-40 ~ 85	256-PBGA	MC9328MX1DVH20-ND	27.41	21.50	20.25	MC9328MX1DVH20
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	200	-40 ~ 85	256-PBGA	MC9328MX1DVM20-ND	28.27	22.18	20.89	MC9328MX1DVM20
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	200	-40 ~ 85	256-PBGA	MC9328MX1DVM20R2CT-ND	28.27	22.18	20.89	MC9328MX1DVM20R2
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	200	-40 ~ 85	256-PBGA	MC9328MX1DVM20R2TR-ND	19308.00/1,000	—	—	MC9328MX1DVM20R2
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	200	-40 ~ 85	256-PBGA	MC9328MX1VM20-ND	28.27	22.18	20.89	MC9328MX1VM20
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	150	-40 ~ 85	256-MAPBGA	MC9328MX1CVM15-ND	27.08	21.24	20.01	MC9328MX1CVM15
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	266	-40 ~ 85	289-MAPBGA	MC9328MX21CVK-ND	27.02	21.20	19.97	MC9328MX21CVK
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	266	-40 ~ 85	289-MAPBGA	MC9328MX21CVM-ND	23.60	18.51	17.44	MC9328MX21CVM
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	266	-40 ~ 85	289-MAPBGA	MC9328MX21DVK-ND	23.47	18.41	17.35	MC9328MX21DVK
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	266	0 ~ 70	289-MAPBGA	MC9328MX21VK-ND	23.47	18.41	17.35	MC9328MX21VK
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	266	0 ~ 70	289-MAPBGA	MC9328MX21VM-ND	20.52	16.10	15.17	MC9328MX21VM
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	150	-40 ~ 85	256-MAPBGA	MC9328MX1LCPV15-ND	17.58	13.30	12.26	MC9328MX1LCPV15
—	—	—	2-32 Bit	IIC, SPI, UART, USB	4-Ch., 9-Bit	4	2.7 - 3.3	150	-40 ~ 85	225-MAPBGA	MC9328MX1LCPV15-ND	16.56	12.53	11.55	MC9328MX1LCPV15

† 4-Channel DMA    † RoHS Compliant    † Cut Tape    † Tape and Reel

## 32-Bit Development Tools

Device Numbers	Series	Digi-Key Part No.	Price Each	Freescale Part No.
MX21	i.MX™	M9328MX21LITEKIT-ND	564.19	M9328MX21LITEKIT
MCIMX31	i.MX	MCIMX31LITEKIT-ND	688.50	MCIMX31LITEKIT
i.MX31	i.MX	MIMX31CSOM-ND	288.61	MIMX31CSOM
MCF5206	ColdFire™	M5206AN-ND	508.73	M5206AN
MCF5211	ColdFire	M5211DEMO-ND	111.92	M5211DEMO
MCF5270	ColdFire	M5270PROMO-ND	281.61	M5270PROMO
MCF5307	ColdFire	M5307C3-ND	609.46	M5307C3
MCF537X	ColdFire	M5373EVB-ND	790.22	M5373EVB
MCF5280/81/82	ColdFire	M5282LITEE-ND	197.91	M5282LITEE
MCF5280/81/82	ColdFire	M5282LITEKIT-ND	291.78	M5282LITEKIT
MCF5270/71	ColdFire	M5271EVB-ND	733.69	M5271EVB
MCF5270/71	ColdFire	M5271EVBE-ND	717.15	M5271EVBE
MCF547X	ColdFire	M5474LITEKIT-ND	395.68	M5474LITEKIT
MCF547X	ColdFire	M5475EVB-ND	960.93	M5475EVB
MCF548X	ColdFire	M5484LITEKITE-ND	395.68	M5484LITEKITE
MCF5282	ColdFire	M5282EVB-ND	1105.00	M5282EVB
MCF523X	ColdFire	M523XEVB-ND <b>NEW!</b>	785.82	M523XEVB
MCF5282 with MC9S08GT60, MC13192, MMA6261, MPXM2053	ColdFire	M5282ZIGBEE-ND	510.00	M5282ZIGBEE
MPC555	PowerPC™	MPC555CME-ND	734.83	MPC555CME
MPC561/62/63/64	PowerPC	MPC564EVB-ND	1011.92	MPC564EVB

† RoHS Compliant

## NEW! 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.

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