



Microcontrollers
M16C Family M16C Tiny Series (Cont.)

Memory Type	ROM Bytes	Data Flash Bytes	RAM Bytes	A/D	D/A	Serial Communication	Timers 8/16/32	GPIO	Operating Frequency/Supply Voltage	Temperature	Package	Digi-Key Part No.	Price Each			
													1	25	100	
Flash	64K	4K 4K	4K	13-ch. 10-bit	—	4 USART, 2 I ² C	—/9/—	55	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	64-LQFP	M30281F8HP#U5B-ND◆	9.55	8.58	7.61	
												M30281F8HP#U7B-ND◆	10.20	9.17	8.13	
												M30281F8HP#U9B-ND◆	9.77	8.78	7.79	
	96K	4K 4K	8K	13-ch. 10-bit	—	4 USART, 2 I ² C	—/9/—	55	20MHz/2.7 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	64-LQFP	M30281FAHP#U3B-ND◆	10.80	9.72	8.82	
												M30281FAHP#U5B-ND◆	10.82	9.72	8.82	
												M30281FAHP#U7B-ND◆	11.04	9.92	8.80	
	128K	4K 4K	12K	13-ch. 10-bit	—	4 USART, 2 I ² C	—/9/—	55	20MHz/2.7 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	64-LQFP	M30281FAHP#U9B-ND◆	10.62	9.54	8.46	
												M30281FATHP#U3A-ND◆	12.86	12.00	11.15	
												M30281FCHP#U3B-ND◆	11.81	10.61	9.41	
	Flash	96K	4K 4K	8K	27-ch. 10-bit	—	5 USART, 2 I ² C, 1 CAN	—/9/—	71	20MHz/2.7 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	80-LQFP	M30290FAHP#U3A-ND◆	12.94	11.63	10.31
													M30290FAHP#U5A-ND◆	12.29	11.04	9.79
													M30290FAHP#U7A-ND◆	13.13	11.82	10.49
		128K	4K 4K	12K	27-ch. 10-bit	—	5 USART, 2 I ² C, 1 CAN	—/9/—	71	20MHz/2.7 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	80-LQFP	M30290FAHP#U9A-ND◆	12.48	11.24	9.97
													M30290FCHP#U3A-ND◆	14.01	12.59	11.16
													M30290FCHP#U5A-ND◆	13.36	12.00	10.64
	Flash	96K	4K 4K	8K	16-ch. 10-bit	—	4 USART, 2 I ² C, 1 CAN	—/9/—	55	20MHz/2.7 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	64-LQFP	M30291FAHP#U3A-ND◆	12.48	11.24	9.97
													M30291FAHP#U5A-ND◆	11.85	10.67	9.46
													M30291FAHP#U7A-ND◆	12.71	11.45	10.15
128K		4K 4K	12K	16-ch. 10-bit	—	4 USART, 2 I ² C, 1 CAN	—/9/—	55	20MHz/2.7 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 125°C	64-LQFP	M30291FAHP#U9A-ND◆	12.09	10.86	9.63	
												M30291FAVHP#U3A-ND◆	15.20	14.19	13.17	
												M30291FCHP#U3A-ND◆	13.58	12.20	10.82	
128K	4K 4K	12K	16-ch. 10-bit	—	4 USART, 2 I ² C, 1 CAN	—/9/—	55	20MHz/2.7 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	64-LQFP	M30291FCHP#U5A-ND◆	12.91	11.63	10.31		
											M30291FCHP#U7A-ND◆	13.81	12.41	11.00		
											M30291FCHP#U9A-ND◆	13.16	11.82	10.49		

C

M32 Series

Memory Type	ROM Bytes	Data Flash Bytes	RAM Bytes	A/D	D/A	Serial Communication	Timers 8/16/32	GPIO	Operating Frequency/Supply Voltage	Temperature	Package	Digi-Key Part No.	Price Each		
													1	25	100
ROMless	—	—	8K	10-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C	—/11/—	48	32MHz/3.0 - 5.5V	-20°C - 85°C -20°C - 85°C -20°C - 85°C	100-QFP	M30800SAPP#U5-ND◆	9.57	8.60	7.63
												M30800SAPP-BL#U5-ND◆	10.02	9.00	7.98
												M30800SAGP#U5-ND◆	8.90	8.00	7.09
												M30800SAGP-BL#U5-ND◆	9.35	8.40	7.45
Flash	512K	—	31K	26-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	100-QFP	M30833FJFP#U3-ND◆	40.19	37.51	34.83
												M30833FJFP#U5-ND◆	38.27	35.72	33.17
												M30833FJGP#U3-ND◆	39.95	37.29	34.62
				34-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 1 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	144-LQFP	M30833FJGP#U5-ND◆	38.00	35.47	32.93
												M30835FJGP#U3-ND◆	41.70	38.92	36.14
												M30835FJGP#U5-ND◆	39.68	37.03	34.39
ROMless	—	—	10K	26-ch. 10-bit 34-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 1 CAN	—/11/—	88 124	32MHz/3.0 - 5.5V	-20°C - 85°C -20°C - 85°C	100-LQFP 144-LQFP	M30840SGP#U5-ND◆	8.87	8.28	7.69
												M30842SGP#U5-ND◆	10.88	9.80	8.69
Flash	384K	—	24K	26-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	100-QFP	M30843FHP#U3-ND◆	24.86	23.20	21.55
												M30843FHP#U5-ND◆	22.61	21.10	19.60
												M30843FHP#U7-ND◆	24.20	22.59	20.97
												M30843FHGP#D5-ND◆	22.01	20.54	19.08
												M30843FHGP#U5-ND◆	22.01	20.54	19.08
												M30843FJFP#D5-ND◆	24.60	22.96	21.32
	512K	—	24K	26-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	100-LQFP	M30843FJFP#U3-ND◆	27.06	25.26	23.46
												M30843FJFP#U5-ND◆	24.60	22.96	21.32
												M30843FJGP#U3-ND◆	26.40	24.64	22.88
												M30843FJGP#U5-ND◆	24.00	22.40	20.80
												M30843FJGP#U7-ND◆	24.00	22.40	20.80
												M30843FJGP#U9-ND◆	24.00	22.40	20.80
Flash	320K	—	24K	26-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	100-LQFP	M30843FWGP#U3-ND◆	23.10	21.56	20.02
												M30843FWGP#U5-ND◆	21.00	19.60	18.20
												M30843FHGP#U3-ND◆	27.50	25.67	23.83
												M30843FHGP#U5-ND◆	25.01	23.34	21.68
												M30843FJGP#U3-ND◆	29.70	27.72	25.74
												M30843FJGP#U5-ND◆	27.00	25.20	23.40
	512K	—	24K	34-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 1 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	144-LQFP	M30845FJGP#U3-ND◆	26.40	24.64	22.88
												M30845FJGP#U5-ND◆	26.40	24.64	22.88
												M30845FWGP#U3-ND◆	26.40	24.64	22.88
												M30845FWGP#U5-ND◆	24.00	22.40	20.80
												M30853FHP#D5-ND◆	23.60	22.03	20.45
												M30853FHP#U5-ND◆	25.87	24.26	22.51
Flash	384K	—	24K	26-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 2 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C -40°C - 85°C	100-QFP	M30853FHP#U3-ND◆	23.60	22.03	20.45
												M30853FHP#U5-ND◆	25.31	23.62	21.94
												M30853FHP#U7-ND◆	23.00	21.47	19.93
												M30853FJFP#U3-ND◆	28.17	26.30	24.42
												M30853FJFP#U5-ND◆	25.61	23.90	22.20
												M30853FJGP#U3-ND◆	27.50	25.67	23.83
	320K	—	24K	26-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 2 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	100-LQFP	M30853FWGP#U5-ND◆	31.58	29.47	27.37
												M30853FWGP#U7-ND◆	31.34	29.25	27.16
												M30853FWGP#U9-ND◆	32.90	30.71	28.51
												M30855FHGP#U3-ND◆	28.61	26.70	24.80
												M30855FHGP#U5-ND◆	26.00	24.27	22.53
												M30855FWGP#U3-ND◆	34.64	32.33	30.02
512K	—	24K	34-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 2 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	144-LQFP	M30855FWGP#U5-ND◆	33.00	30.80	28.60	
											M30855FJGP#U3-ND◆	30.80	28.75	26.69	
											M30855FJGP#U5-ND◆	28.01	26.14	24.28	
											M30855FJGP#U7-ND◆	31.91	29.78	27.66	
											M30865FJGP#D5-ND◆	29.00	27.07	25.13	
											M30865FJGP#U5-ND◆	29.00	27.07	25.13	
Flash	384K	—	24K	26-ch. 10-bit	2-ch. 8-bit	6 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	100-LQFP	M30873FHAGP#U3-ND◆	20.21	18.86	17.52
												M30873FHAGP#U5-ND◆	18.36	17.14	15.92
												M30873FHBGP#U3-ND◆	19.61	18.30	17.00
												M30873FHBGP#U5-ND◆	17.82	16.64	15.45
												M30873FHGP#U3-ND◆	20.81	19.42	18.04
												M30873FHGP#U5-ND◆	18.90	17.64	16.38
	512K	—	31K	34-ch. 10-bit	2-ch. 8-bit	7 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	144-LQFP	M30875FHAGP#U3-ND◆	22.02	20.56	19.09
												M30875FHAGP#U5-ND◆	20.18	18.83	17.49
												M30875FHAGP#U7-ND◆	21.42	20.00	18.57
												M30875FHAGP#U9-ND◆	19.64	18.33	17.02
												M30875FHGP#U3-ND◆	22.62	21.12	19.61
												M30875FHGP#U5-ND◆	20.72	19.34	17.96
512K	—	31K	26-ch. 10-bit	2-ch. 8-bit	6 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -40°C - 85°C	100-LQFP	M30876FJAGP#U3-ND◆	22.40	20.91	19.41	
											M30876FJAGP#U5-ND◆	20.36	19.00	17.65	

◆ RoHS Compliant *SSU = SPI

(Continued)

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Memory Type	ROM Bytes	Data Flash Bytes	RAM Bytes	A/D	D/A	Serial Communication	Timers 8/16/32	GPIO	Operating Frequency/ Supply Voltage	Temperature	Package	Digi-Key Part No.	Price Each		
													1	25	100
Flash	512K	—	31K	26-ch. 10-bit	2-ch. 8-bit	6 USART, IrDA, 5 I ² C	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30876FJBG#PU3-ND M30876FJBG#PU5-ND	21.80	20.35	18.89
						6 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30876FJBG#PU3-ND M30876FJBG#PU5-ND	23.00	21.47	19.93
						7 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30878FJAG#PU3-ND M30878FJAG#PU5-ND	24.23	22.61	21.00
				34-ch. 10-bit	2-ch. 8-bit	7 USART, IrDA, 5 I ² C	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30878FJAG#PU3-ND M30878FJAG#PU5-ND	23.81	22.22	20.64
						7 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30878FJAG#PU3-ND M30878FJAG#PU5-ND	21.65	20.21	18.76
						7 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30878FJAG#PU3-ND M30878FJAG#PU5-ND	24.83	23.17	21.52
	768K	—	48K	26-ch. 10-bit	2-ch. 8-bit	6 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FKAG#PU3-ND M30879FKAG#PU5-ND	25.14	23.47	21.79
						6 USART, IrDA, 5 I ² C	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FKAG#PU3-ND M30879FKAG#PU5-ND	24.09	22.49	20.88
						6 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FKAG#PU3-ND M30879FKAG#PU5-ND	21.83	20.37	18.92
				26-ch. 10-bit	2-ch. 8-bit	6 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FLAF#PU3-ND M30879FLAF#PU5-ND	26.82	25.04	23.25
						6 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FLAF#PU3-ND M30879FLAF#PU5-ND	24.38	22.75	21.13
						6 USART, IrDA, 5 I ² C	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FLBF#PU3-ND M30879FLBF#PU5-ND	25.76	24.04	22.33
	1M	—	48K	26-ch. 10-bit	2-ch. 8-bit	6 USART, IrDA, 5 I ² C	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FLBF#PU3-ND M30879FLBF#PU5-ND	23.42	21.86	20.30
						6 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FLBF#PU3-ND M30879FLBF#PU5-ND	26.21	24.46	22.72
						6 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	88	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	100-LQFP 100-LQFP	M30879FLBF#PU3-ND M30879FLBF#PU5-ND	27.77	25.92	24.07
				34-ch. 10-bit	2-ch. 8-bit	7 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	27.41	25.58	23.76
						7 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	24.90	23.24	21.58
						7 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	27.20	25.39	23.57
	768K	—	48K	34-ch. 10-bit	2-ch. 8-bit	7 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	28.80	26.88	24.96
						7 USART, IrDA, 5 I ² C	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	26.18	24.43	22.89
						7 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	28.02	26.16	24.29
				34-ch. 10-bit	2-ch. 8-bit	7 USART, IrDA, 5 I ² C	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	25.64	23.93	22.22
						7 USART, IrDA, 5 I ² C, 1 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	29.22	27.28	25.33
						7 USART, IrDA, 5 I ² C, 2 CAN	—/11/—	124	32MHz/3.0 - 5.5V	-40°C - 85°C -20°C - 85°C	144-LQFP 144-LQFP	M30879FLGF#PU3-ND M30879FLGF#PU5-ND	26.72	24.94	23.16
320K	—	18K	26-ch. 10-bit	2-ch. 8-bit	5 USART, 5 I ² C, 3 CAN	—/11/—	88	32MHz/4.2 - 5.5V	-40°C - 85°C	100-LQFP	M30880FVTG#PU0-ND	38.28	35.73	33.18	

R8C Tiny Series

The R8C 16-bit microcontrollers are small in size, yet big in performance and value. They excel for 8-bit embedded system applications that need low-cost devices and deliver high performance, yet save space with small, low-pin count packages. These microcontrollers for general purpose applications deliver up to 20MHz speed, up to 96K of on-chip flash memory, offer versatile peripherals, and are packaged with 80 pins or less. Based on the MC16 family of 16-bit microcontrollers, the R8C Tiny inherits the same features of high performance, ROM code efficiency, low power consumption, and low noise, while its instruction compatibility allows the use of existing M16C family software resources.

Memory Type	ROM Bytes	Data Flash Bytes	RAM Bytes	A/D	D/A	Serial Communication	Timers 8/16/32	GPIO	Operating Frequency/ Supply Voltage	Temperature	Package	Digi-Key Part No.	Price Each		
													1	25	100
Flash	4K	—	375	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211A1DD#PU0-ND R5F211A1DSP#PU0-ND R5F211A1SP#PU0-ND	3.71	2.97	2.31
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211A2DD#PU0-ND R5F211A2DSP#PU0-ND R5F211A2SP#PU0-ND	3.98	3.19	2.48
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211A3DD#PU0-ND R5F211A3DSP#PU0-ND R5F211A3SP#PU0-ND	4.30	3.44	2.68
	8K	—	500	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A4DD#PU0-ND R5F211A4DSP#PU0-ND R5F211A4SP#PU0-ND	4.57	3.66	2.85
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A4DD#PU0-ND R5F211A4DSP#PU0-ND R5F211A4SP#PU0-ND	4.30	3.44	2.68
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A4NP#PU0-ND R5F211A4SP#PU0-ND R5F211A4SP#PU0-ND	4.70	3.77	2.93
	12K	—	750	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A3DD#PU0-ND R5F211A3DSP#PU0-ND R5F211A3SP#PU0-ND	3.98	3.19	2.48
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A3DD#PU0-ND R5F211A3DSP#PU0-ND R5F211A3SP#PU0-ND	4.43	3.55	2.76
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A3NP#PU0-ND R5F211A3SP#PU0-ND R5F211A3SP#PU0-ND	3.71	2.97	2.31
	16K	—	1K	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A4DD#PU0-ND R5F211A4DSP#PU0-ND R5F211A4SP#PU0-ND	4.57	3.66	2.85
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A4DD#PU0-ND R5F211A4DSP#PU0-ND R5F211A4SP#PU0-ND	4.30	3.44	2.68
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211A4NP#PU0-ND R5F211A4SP#PU0-ND R5F211A4SP#PU0-ND	4.70	3.77	2.93
	4K	2K	375	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211B1DD#PU0-ND R5F211B1DSP#PU0-ND R5F211B1SP#PU0-ND	3.87	3.10	2.41
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211B1DD#PU0-ND R5F211B1DSP#PU0-ND R5F211B1SP#PU0-ND	3.58	2.87	2.23
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211B2DD#PU0-ND R5F211B2DSP#PU0-ND R5F211B2SP#PU0-ND	4.43	3.55	2.76
	8K	2K	500	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211B1DD#PU0-ND R5F211B1DSP#PU0-ND R5F211B2NP#PU0-ND	4.14	3.32	2.58
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211B1DD#PU0-ND R5F211B1DSP#PU0-ND R5F211B2NP#PU0-ND	4.57	3.66	2.85
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211B2SP#PU0-ND R5F211B3DD#PU0-ND R5F211B3DSP#PU0-ND	3.87	3.10	2.41
	12K	2K	750	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211B3DD#PU0-ND R5F211B3DSP#PU0-ND R5F211B3NP#PU0-ND	4.70	3.77	2.93
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211B3DD#PU0-ND R5F211B3DSP#PU0-ND R5F211B3NP#PU0-ND	4.43	3.55	2.76
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 20-LSSOP	R5F211B3NP#PU0-ND R5F211B3SP#PU0-ND R5F211B3SP#PU0-ND	4.86	3.89	3.03
	16K	2K	1K	4-ch. 10-bit	—	2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211B3NP#PU0-ND R5F211B3SP#PU0-ND R5F211B4DD#PU0-ND	4.14	3.32	2.58
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211B3NP#PU0-ND R5F211B3SP#PU0-ND R5F211B4DD#PU0-ND	5.02	4.02	3.13
						2 USART, 1 SSU*, 1 I ² C	2/1/—	16	20MHz/2.7 - 5.5V	-20°C - 85°C -40°C - 85°C -20°C - 85°C	20-SDIP 20-LSSOP 28-HWQFN	R5F211B4DD#PU0-ND R5F211B4DSP#PU0-ND R5F211B4NP#PU0-ND	4.75	3.80	2.96
	8K	—	500	8-ch. 10-bit	—	2 USART	2/1/—	24	16MHz/2.7 - 5.5V	-40°C - 85°C -20°C - 85°C	32-LQFP 32-LQFP	R5F211B4SP#PU0-ND R5F211B4SP#PU0-ND	5.13	4.11	3.20
						2 USART	2/1/—	24	16MHz/2.7 - 5.5V	-40°C - 85°C -20°C - 85°C	32-LQFP 32-LQFP	R5F211B4SP#PU0-ND R5F211B4SP#PU0-ND	4.43	3.55	2.76
						2 USART	2/1/—	24	16MHz/2.7 - 5.5V	-40°C - 85°C -20°C - 85°C	32-LQFP 32-LQFP	R5F21102DF#PU0-ND R5F21102FP#PU0-ND	4.57	3.66	2.85
	12K	—	750	8-ch. 10-bit	—	2 USART	3/1/—	24	16MHz/2.7 - 5.5V	-20°C - 85°C	32-LQFP 32-LQFP	R5F21103DF#PU0-ND R5F21103FP#PU0-ND	4.86	3.89	3.03
						2 USART	3/1/—	24	16MHz/2.7 - 5.5V	-40°C - 85°C -20°C - 85°C	32-LQFP 32-LQFP	R5F21103DF#PU0-ND R5F21104DF#PU0-ND	4.57	3.66	2.85
						2 USART	3/1/—	24	16MHz/2.7						