

Part No.	Pad	Working Voltage (V)	CPU Core	Max. CPU Speed (MHz)	ROM (Byte)	RAM (Byte)	I/O	LCD		Timer			Interrupt		WDT	LVR	EL	Audio Channel	Others
								Max (CxS)	Bias	8-b	10-b	16-b	Int.	Ext.					
ET50C018C-1B	48	2.0~5.2	RV8	4.4 /2	18K	160	11	260 (10x26)	R: 1/4	1	-	-	3	1	-	-	-	1T (with volume control)	-
ET50C018C-1C	48	2.0~5.2	RV8	4.4 /2	18K	160	11	260 (10x26)	R: 1/4	1	-	-	3	1	-	-	-	1T (with volume control)	-
ET50C023A-1A	48	2.0~5.2	RV8	4.4 /2	24K	160	12	260 (10x26)	R: 1/4	1	-	-	3	1	-	-	-	1T, 1M, 1V	-
ET50C060-1C	56	2.0~5.2	RV8	8 /1, /2	64K	160	17	R: 256 (8x32) C: 224 (8x28)	R: 1/3, 1/4 C: 1/2, 1/3	2	-	-	4	2	-	V	-	1T, 1V, 1M, 2M	-
ET50C060A-1J	56	2.0~5.2	RV8	8 /1, /2	64K	160	17	224 (8x28)	R (OP): 1/3	2	-	-	4	1	-	V	-	1T, 1V, 1M, 2M	XT32K built-in C
ET50C060C-1F	56	2.0~5.2	RV8	8 /1, /2	64K	160	13	224 (8x28)	C: 1/2, 1/3	2	-	-	4	1	V	V	V	1T, 1V, 1M, 2M	Pull-low, XT32K built-in C
ET50C096A-1B	66	2.0~5.2	RV9E	8 /1, /2	96K	192	22	R: 320 (8x40) C: 288 (8x36)	R (OP): 1/2, 1/3 C: 1/2, 1/3	2	-	-	4	1	V	V	V	1T, 1V, 1M, 2M	XT32K built-in C
ET51C025-1C	78	2.0~5.2	RV8	8 /1, /2, /4, /8	48K	2560	22	848 (16x53)	R (OP): 1/4	1	-	-	2	1	-	-	-	-	LCD Key Scan

Part No.	Pad	Working Voltage (V)	CPU Core	Max. CPU Speed (KHz)	ROM (Byte)	RAM (Byte)	I/O	LCD		Timer 8-bit	Interrupt		WDT	LVR	EL	Solar Cell Turn ON	Audio Channel	Others
								Max (CxS)	Bias		Int.	Ext.						
ET50X105-1C	44	1.2~1.8	RV9	560	6K	96	12	144 (6x24)	C: 1/2, 1/3	2	4	1	V	-	V	-	1T, 2M	Pull-low, XT32K built-in C
ET50X106-1C	48	1.1~3.6	RV9E	350 or 560 /1, /2	6K	128	26	156 (6x26)	C: 1/2, 1/3	3	5	2	V	V	V	V	1T, 2M	Pull-low, XT32K built-in C, RFC function
ET50X007-1C	62	1.2~1.8	RV9E	225 or 450 /1, /2	6K	128	22	216 (6x36)	C: 1/2, 1/3	1	3	1	V	V	-	V	-	Key Scan, Pull-low
ET50X007A-1E	58	1.2~1.8	RV9E	225 or 450 /1, /2	6K	128	20	144 (4x36)	C: 1/2, 1/3	1	3	1	V	V	-	V	-	Key Scan, Pull-low
ET50X010-1D	64	1.2~1.8	RV9E	225 or 450 /1, /2	10K	160	24	228 (6x38)	C: 1/2, 1/3	1	3	1	V	V	-	V	1T	Key Scan, Pull-low
ET50X016C-1C	54	1.2~1.8	RV9E	190, 380 or 570 /1, /2	16K	176	17	186 (6x31)	C: 1/2, 1/3	1	3	1	V	V	-	V	1T	-
ET51X012C-1H	62	1.2~1.8~3.6	RV8	560 /1, /2, /4, /8	20K	1280	18	296 (8x37)	C: 1/2, 1/3	2	4	2	V	-	V	V	1T, 1M, 1V	XT32K built-in C
ET51X012D-1G	62	1.2~1.8~3.6	RV8	560 /1, /2, /4, /8	20K	1280	18	296 (8x37)	C: 1/2, 1/3	2	4	2	V	-	V	V	1T, 1M, 1V	-
ET51X012E-1D	60	1.2~1.8~3.6	RV9E	225 or 450 /1, /2	18K	1216	18	280 (8x35)	C: 1/2, 1/3	1	3	1	V	-	-	V	-	-
ET51X015-1C	80	1.2~1.8	RV9E	225 or 450 /1, /2	24K	1536	28	324 (6x54)	C: 1/2, 1/3	1	3	1	V	V	-	V	1T	Key Scan, Pull-low
ET51X021-1D	87	1.2~1.8	RV8	900 /1, /2, /3, /4	64K	2176	24	896 (16x56)	R (OP): 1/2, 1/3, 1/4	1	3	1	-	V	-	V	-	Key Scan, LCD Key Scan
ET51X022C-1C	90	1.2~1.8	RV8	300 or 390 /1, /2	64K	2304	28	896 (16x56)	R (OP): 1/2, 1/3, 1/4	1	3	1	V	V	-	V	1T	Key Scan, LCD Key Scan, BCD Arithmetic Operation Accelerator
ET51X025-1F	72	1.2~1.8~3.6	RV8	225 or 450 /1, /2	24K	2560	26	376 (8x47)	C: 1/2, 1/3	2	4	2	V	V	V	V	1T, 1M, 1V, 2M	Key Scan, RFC, Pull-low
ET51X030-1E	72	1.2~1.8~3.6	RV9E	225, 390 or 450 /1, /2	24K	3072	26	376 (8x47)	C: 1/2, 1/3	2	4	2	V	V	-	V	1T	Pull-low
ET51X035-1E	72	1.2~1.8~3.6	RV9E	225, 390 or 450 /1, /2	24K	3584	26	376 (8x47)	C: 1/2, 1/3	2	4	2	V	V	-	V	1T	Pull-low

Part No.	Pad	Working Voltage (V)	CPU Core	Max. CPU Speed (Hz)	OTP ROM (Byte)	RAM (Byte)	I/O	LCD		Timer			Interrupt		WDT	LVR	EL	Audio Channel	Others
								Max (CxS)	Bias	8-b	10-b	16-b	Int.	Ext.					
ET50P104-8A	38	1.2~3.6	RV9E	350K or 560K /1, /2	4K	256	24	108 (6x18)	C: 1/2, 1/3	3	-	-	5	2	V	V	V	1T, 2M	XT32K built-in C, RFC
ET50P016-8D	60	2.1~3.6	RV9E	3.64M or 4M /1, /2, /4, /8	16K	256	26	R: 288 (8x36) C: 256 (8x32)	R: 1/2, 1/3, 1/4 C: 1/2, 1/3	3	-	-	5	4	V	V	V	1T, 1V, 1M, 2M	XT32K built-in C, RFC, Key Scan, SPI, IR
ET50P016A-8E	60	2.1~3.6	RV9E	3.64M or 4M /1, /2, /4, /8	16K	256	26	R: 288 (8x36) C: 256 (8x32)	R: 1/2, 1/3, 1/4 C: 1/2, 1/3	3	-	-	5	4	V	V	V	1T, 1V, 1M, 2M	XT32K built-in C, RFC, Key Scan, SPI, IR
ET50P116C-8E	48	1.2~3.6	RV9E	350K or 560K /1, /2	16K	256	26	156 (6x26)	C: 1/2, 1/3	3	-	-	5	2	V	V	V	1T, 2M	XT32K built-in C, RFC

Part No.	Pad	Working Voltage (V)	CPU Core	Max. CPU Speed (Hz)	ROM (Byte)	RAM (Byte)	I/O	LCD	Timer			Interrupt		WDT	LVR	EL	Audio Channel	Others
								Max (CxS)	8-b	10-b	16-b	Int.	Ext.					
ET59C040A-1E	108	1.8~3.6	RV8	8M /1, /2, /4, /8	128K	4K	53	4-bit/1-bit interface 120x240	-	-	4	6	10	V	V	V	1V, 1M, 2M, 1M1V, 2V, 4M, 2M1V	RFC, SPI, I2C, UART, IR
ET59C060A-1E	108	1.8~3.6	RV8	8M /1, /2, /4, /8	128K	6K	53	4-bit/1-bit interface 120x240	-	-	4	6	10	V	V	V	1V, 1M, 2M, 1M1V, 2V, 4M, 2M1V	RFC, SPI, I ² C, UART, IR
ET59C120-1A	116	2.0~5.2	65C02	4M /1, /2, /4, /8	248K	12K	53	4-bit interface 240x320	-	1	3	6	6	V	V	V	1T, 1V, 2M, 2V, 2M1V, 4M	2 channel current type DAC, 1 channel R2R type DAC