

LPC3200/LPC3100シリーズ

ARM926EJ-S™コア

| Part NO | Memory | | | | Timers | | Serial interface | | | | | | | | Analog | | | Security Engine | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|------------|--------|---------|-------------------|------------|--------------|--------------|------------------|-------|------|-----|-----|-----|-----|-----|----------------------------|----------------------------|---|-----------------|----------------|--------|----------|------------------------|-----|----------------|------------------|-------------|--------------------|-----|
| | Flash | RAM(KB) | Instruction cache | Data cache | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC(10-bit) NO.of channels | | | | | | | | | | | | |
| LPC3250 | × | 256KB | 32KB | 32KB | 8 | 11 | 1 | 1 | 7 | 2 | × | 2 | 2 | 2 | 3 | × | × | ○ | ○ | 87 | ○ | ○ | 266 | 1.35/ 1.2V | 1.8/2.8/ 3.0V | F | LFBGA296 | |
| LPC3240 | × | 256KB | 32KB | 32KB | 8 | 11 | 1 | 1 | 7 | 2 | × | 2 | 2 | 2 | 3 | × | × | × | ○ | 87 | ○ | ○ | 266 | 1.35/ 1.2V | 1.8/2.8/ 3.0V | F | LFBGA296 | |
| LPC3230 | × | 256KB | 32KB | 32KB | 8 | 11 | × | 1 | 7 | 2 | × | 2 | 2 | 2 | 3 | × | × | ○ | ○ | 87 | ○ | ○ | 266 | 1.35/ 1.2V | 1.8/2.8/ 3.0V | F | LFBGA296 | |
| LPC3220 | × | 128KB | 32KB | 32KB | 8 | 11 | × | 1 | 7 | 2 | × | 2 | 2 | 2 | 3 | × | × | × | ○ | 87 | ○ | ○ | 266 | 1.35/ 1.2V | 1.8/2.8/ 3.0V | F | LFBGA296 | |
| LPC3180/01 | × | 64KB | 32KB | 32KB | 4 | 2 | × | 1 | 7 | 2 | × | 2 | × | × | 3 | × | × | × | ○ | 55 | ○ | ○ | 208 | 1.35/ 1.2V | 1.8/2.8/ 3.0V | F | LFBGA320 | |
| LPC3154 | × | 192KB | 16KB | 16KB | 4 | 1 | × | 1(*1) | 1 | 1 | × | 1 | × | 1 | 3 | × | ○ | × | ○ | 208 | ○ | ○ | 180 | 1.2V | 1.8/2.8/ 3.3V | F | TFBGA208 | |
| LPC3152 | × | 192KB | 16KB | 16KB | 4 | 1 | × | 1(*1) | 1 | 1 | × | 1 | × | 1 | 3 | × | × | × | ○ | 208 | ○ | ○ | 180 | 1.2V | 1.8/2.8/ 3.3V | F | TFBGA208 | |
| LPC3143 | × | 192KB | 16KB | 16KB | 4 | 1 | × | 1(*1) | 1 | 2 | × | 1 | × | 2 | 4 | × | ○ | × | ○ | 180 | ○ | ○ | 270 | 1.2V | 1.8/3.3 V | F | TFBGA180 | |
| LPC3141 | × | 192KB | 16KB | 16KB | 4 | 1 | × | 1(*1) | 1 | 2 | × | 1 | × | 2 | 4 | × | × | × | ○ | 180 | ○ | ○ | 270 | 1.2V | 1.8/3.3 V | F | TFBGA180 | |
| LPC3131 | × | 192KB | 16KB | 16KB | 4 | 1 | × | 1(*1) | 1 | 2 | × | 1 | × | 2 | 4 | × | × | × | ○(*3) | 180 | ○ | ○ | 180 | 1.2V | 1.8/2.8/ 3.3V | F | TFBGA180 | |
| LPC3130 | × | 96KB | 16KB | 16KB | 4 | 1 | × | 1(*1) | 1 | 2 | × | 1 | × | 2 | 4 | × | × | × | ○(*3) | 180 | ○ | ○ | 180 | 1.2V | 1.8/2.8/ 3.3V | F | TFBGA180 | |

(*1) High Speed USB対応

(*2) LCD Interface有り

(*3) SDIOにも対応

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC2900シリーズ

ARM968E-S™コア

| Part NO | Memory | | | | Timers | | Serial interface | | | | | | | | Analog | | | Security Engine | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq.(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|------------|--------|---------|-------------------|------------|--------------|--------------|------------------|-----|------|-----|-----|-----|-----|-----|----------------------------|----------------------------|---|-----------------|----------------|--------|----------|------------------------|-----|-----------------|-------------|-------------|--------------------|-----|
| | Flash | RAM(KB) | Instruction cache | Data cache | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC(10-bit) NO.of channels | | | | | | | | | | | | |
| LPC2939 | 768KB | 56KB | 32KB | 32KB | 6 | 24 | x | 1 | 4 | 2 | 2 | 3 | x | x | 24 | x | x | x | x | 152 | ○ | ○ | 125 | 1.8V | 3.3V | F | LQFP208 | |
| LPC2930 | x | 56KB | 32KB | 32KB | 6 | 24 | x | 1 | 4 | 2 | 2 | 3 | x | x | 24 | x | x | x | x | 152 | ○ | ○ | 125 | 1.8V | 3.3V | F | LQFP208 | |
| LPC2929 | 768KB | 56KB | 32KB | 32KB | 6 | 24 | x | 1 | 4 | 2 | 2 | 3 | x | x | 24 | x | x | x | x | 104 | ○ | ○ | 125 | 1.8V | 3.3V | F | LQFP144 | |
| LPC2927 | 512KB | 56KB | 32KB | 32KB | 6 | 24 | x | 1 | 4 | 2 | 2 | 3 | x | x | 24 | x | x | x | x | 104 | ○ | ○ | 125 | 1.8V | 3.3V | F | LQFP144 | |
| LPC2925 | 512KB | 40KB | 16KB | 16KB | 6 | 24 | x | 1 | 4 | 2 | 2 | 3 | x | x | 16 | x | x | x | x | 60 | x | ○ | 125 | 1.8V | 3.3V | F | LQFP100 | |
| LPC2923 | 256KB | 24KB | 16KB | 16KB | 6 | 24 | x | 1 | 4 | 2 | 2 | 3 | x | x | 16 | x | x | x | x | 60 | x | ○ | 125 | 1.8V | 3.3V | F | LQFP100 | |
| LPC2921 | 128KB | 24KB | 16KB | 16KB | 6 | 24 | x | 1 | 4 | 2 | 2 | 3 | x | x | 16 | x | x | x | x | 60 | x | ○ | 125 | 1.8V | 3.3V | F | LQFP100 | |
| LPC2919/01 | 768KB | 56KB | 16KB | 16KB | 6 | 24 | x | x | 4 | 2 | 2 | 3 | x | x | 16 | x | x | x | x | 108 | ○ | ○ | 125 | 1.8V | 3.3V | F | LQFP144 | |
| LPC2917/01 | 512KB | 56KB | 16KB | 16KB | 6 | 24 | x | x | 4 | 2 | 2 | 3 | x | x | 16 | x | x | x | x | 108 | ○ | ○ | 125 | 1.8V | 3.3V | F | LQFP144 | |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC2400シリーズ

ARM7TDMI-S™コア

| Part NO | Memory | | | Timers | | Serial interface | | | | | | | | Analog | | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq.(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|---------|--------|---------|------------|--------------|--------------|------------------|-----|------|-----|-----|-----|-----|-----|----------------------------|----------------------------|---|----------------|--------|----------|------------------------|-----|-----------------|-------------|---------------------|--------------------|-----|
| | Flash | RAM(KB) | EEPROM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC(10-bit) NO.of channels | | | | | | | | | | | |
| LPC2478 | 512KB | 98KB | x | 6 | 12 | 1 | 2 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | ○ | ○ | 160 | ○ | ○ | 72 | 3.3V | F | LQFP208 TFBGA208 | | |
| LPC2470 | x | 98KB | x | 6 | 12 | 1 | 2 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | ○ | ○ | 160 | ○ | ○ | 72 | 3.3V | F | LQFP208 TFBGA208 | | |
| LPC2468 | 512KB | 98KB | x | 6 | 12 | 1 | 2 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | ○ | 160 | ○ | ○ | 72 | 3.3V | F | LQFP208 TFBGA208 | | |
| LPC2460 | x | 98KB | x | 6 | 12 | 1 | 2 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | ○ | 160 | ○ | ○ | 72 | 3.3V | F | LQFP208 TFBGA208 | | |
| LPC2458 | 512KB | 98KB | x | 6 | 12 | 1 | 2 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | ○ | 136 | ○ | ○ | 72 | 3.3V | F | TFBGA180 | | |
| LPC2420 | x | 82KB | x | 6 | 12 | x | 2 | 4 | 3 | x | 1 | 2 | 1 | 8 | 1 | x | ○ | 160 | ○ | ○ | 72 | 3.3V | F | LQFP208 | | |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC2300シリーズ

ARM7TDMI-S™コア

| Part NO | Memory | | | Timers | | Serial interface | | | | | | | | Analog | | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|---------|--------|---------|------------|--------------|--------------|------------------|-----|------|-----|-----|-----|-----|-----|-------------------------------|-------------------------------|---|----------------|--------|----------|------------------------|-----|----------------|-------------|---------------------|--------------------|-----|
| | Flash | RAM(KB) | EEPROM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC(10-bit) NO.of channels | | | | | | | | | | | |
| LPC2388 | 512KB | 98KB | x | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | ○ | 104 | ○ | ○ | 72 | 3.3V | F | LQFP144 | | |
| LPC2387 | 512KB | 98KB | x | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 6 | 1 | x | ○ | 70 | x | ○ | 72 | 3.3V | F | LQFP100 | | |
| LPC2378 | 512KB | 58KB | x | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | ○ | 104 | ○ | ○ | 72 | 3.3V | F | LQFP144 | | |
| LPC2377 | 512KB | 58KB | x | 6 | 6 | 1 | x | 4 | 3 | x | 1 | 2 | 1 | 8 | 1 | x | ○ | 104 | ○ | ○ | 72 | 3.3V | F | LQFP144 | | |
| LPC2368 | 512KB | 58KB | x | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 6 | 1 | x | ○ | 70 | x | ○ | 72 | 3.3V | F | LQFP100 TFBGA100 | | |
| LPC2367 | 512KB | 58KB | x | 6 | 6 | 1 | x | 4 | 3 | x | 1 | 2 | 1 | 6 | 1 | x | ○ | 70 | x | ○ | 72 | 3.3V | F | LQFP100 | | |
| LPC2366 | 256KB | 58KB | x | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 6 | 1 | x | x | 70 | x | ○ | 72 | 3.3V | F | LQFP100 | | |
| LPC2365 | 256KB | 58KB | x | 6 | 6 | 1 | x | 4 | 3 | x | 1 | 2 | 1 | 6 | 1 | x | x | 70 | x | ○ | 72 | 3.3V | F | LQFP100 | | |
| LPC2364 | 128KB | 34KB | x | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 6 | 1 | x | x | 70 | x | ○ | 72 | 3.3V | F | LQFP100 TFBGA100 | | |
| LPC2362 | 128KB | 58KB | x | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 6 | 1 | x | x | 70 | x | ○ | 72 | 3.3V | F | LQFP100 | | |
| LPC2361 | 64KB | 34KB | x | 6 | 6 | x | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 6 | 1 | x | x | 70 | x | ○ | 72 | 3.3V | F | LQFP100 | | |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC2200シリーズ

ARM7TDMI-S™コア

| Part NO | Memory | | | Timers | | Serial interface | | | | | | | | Analog | | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq.(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|------------|--------|---------|------------|--------------|--------------|------------------|-----|------|-----|-----|-----|-----|-----|----------------------------|----------------------------|---|----------------|--------|----------|------------------------|-----|-----------------|-------------|-------------|---------------------|-----|
| | Flash | RAM(KB) | EEPROM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC(10-bit) NO.of channels | | | | | | | | | | | |
| LPC2294/01 | 256KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | 4 | 2 | x | x | 8 | x | x | x | 112 | ○ | ○ | 60 | 1.8V | 3.3V | H | LQFP144 | |
| LPC2292/01 | 256KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | 2 | 2 | x | x | 8 | x | x | x | 112 | ○ | ○ | 60 | 1.8V | 3.3V | F | LQFP144 TFBGA144 | |
| LPC2290/01 | x | 64KB | x | 5 | 6 | x | x | 2 | 1 | 2 | 2 | x | x | 8 | x | x | x | 76 | ○ | ○ | 60 | 1.8V | 3.3V | F | LQFP144 | |
| LPC2220 | x | 64KB | x | 5 | 6 | x | x | 2 | 1 | x | 2 | x | x | 8 | x | x | x | 76 | ○ | ○ | 75 | 1.8V | 3.3V | F | LQFP144 TFBGA144 | |
| LPC2214/01 | 256KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | x | 2 | x | x | 8 | x | x | x | 112 | ○ | ○ | 60 | 1.8V | 3.3V | F | LQFP144 | |
| LPC2212/01 | 128KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | x | 2 | x | x | 8 | x | x | x | 112 | ○ | ○ | 60 | 1.8V | 3.3V | F | LQFP144 | |
| LPC2210/01 | x | 16KB | x | 5 | 6 | x | x | 2 | 1 | x | 2 | x | x | 8 | x | x | x | 76 | ○ | ○ | 75 | 1.8V | 3.3V | F | LQFP144 | |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC2100シリーズ

ARM7TDMI-S™コア

| Part NO | Memory | | | Timers | | Serial interface | | | | | | | | Analog | | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq.(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|------------|--------|---------|------------|--------------|--------------|------------------|-----|------|-----|-----|-----|-----|-----|----------------------------|----------------------------|---|----------------|--------|----------|------------------------|-----|-----------------|-------------|-------------|--------------------|-----|
| | Flash | RAM(KB) | EEPROM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC(10-bit) NO.of channels | | | | | | | | | | | |
| LPC2194/01 | 256KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | 4 | 2 | x | x | 4 | x | x | x | 46 | x | ○ | 60 | 1.8V | 3.3V | H | LQFP64 | |
| LPC2158 | 512KB | 40KB | x | 5 | 6 | x | 1 | 2 | 2 | x | 1 | 1 | x | 8+6 | 1 | ○ | x | 38 | x | ○ | 60 | 3.3V | | F | LQFP100 | |
| LPC2157 | 512KB | 32KB | x | 5 | 6 | x | x | 2 | 2 | x | 1 | 1 | x | 2x8 | 1 | ○ | x | 38 | x | ○ | 60 | 3.3V | | F | LQFP100 | |
| LPC2148 | 512KB | 40KB | x | 5 | 6 | x | 1 | 2 | 2 | x | 1 | 1 | x | 8+6 | 1 | x | x | 45 | x | ○ | 60 | 3.3V | | F | LQFP64 | |
| LPC2146 | 256KB | 40KB | x | 5 | 6 | x | 1 | 2 | 2 | x | 1 | 1 | x | 8+6 | 1 | x | x | 45 | x | ○ | 60 | 3.3V | | F | LQFP64 | |

| Part NO | Memory | | | Timers | | Serial interface | | | | | | | | Analog | | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|------------|--------|---------|------------|--------------|--------------|------------------|-----|------|-----|-----|-----|-----|-----|-------------------------------|-------------------------------|---|----------------|--------|----------|------------------------|-----|----------------|-------------|-------------------|--------------------|-----|
| | Flash | RAM(KB) | EEPROM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC(10-bit) NO.of channels | | | | | | | | | | | |
| LPC2144 | 128KB | 16KB | x | 5 | 6 | x | 1 | 2 | 2 | x | 1 | 1 | x | 8+6 | 1 | x | x | 45 | x | ○ | 60 | 3.3V | F | LQFP64 | | |
| LPC2142 | 64KB | 16KB | x | 5 | 6 | x | 1 | 2 | 2 | x | 1 | 1 | x | 6 | 1 | x | x | 45 | x | ○ | 60 | 3.3V | F | LQFP64 | | |
| LPC2141 | 32KB | 8KB | x | 5 | 6 | x | 1 | 2 | 2 | x | 1 | 1 | x | 6 | x | x | x | 45 | x | ○ | 60 | 3.3V | F | LQFP64 | | |
| LPC2138/01 | 512KB | 32KB | x | 5 | 6 | x | x | 2 | 2 | x | 1 | 1 | x | 2x8 | 1 | x | x | 47 | x | ○ | 60 | 3.3V | F | LQFP64 HVQFN64 | | |
| LPC2136/01 | 256KB | 32KB | x | 5 | 6 | x | x | 2 | 2 | x | 1 | 1 | x | 2x8 | 1 | x | x | 47 | x | ○ | 60 | 3.3V | F | LQFP64 | | |
| LPC2134/01 | 128KB | 16KB | x | 5 | 6 | x | x | 2 | 2 | x | 1 | 1 | x | 2x8 | 1 | x | x | 47 | x | ○ | 60 | 3.3V | F | LQFP64 | | |
| LPC2132/01 | 64KB | 16KB | x | 5 | 6 | x | x | 2 | 2 | x | 1 | 1 | x | 8 | 1 | x | x | 47 | x | ○ | 60 | 3.3V | F | LQFP64 HVQFN64 | | |
| LPC2131/01 | 32KB | 8KB | x | 5 | 6 | x | x | 2 | 2 | x | 1 | 1 | x | 8 | x | x | x | 47 | x | ○ | 60 | 3.3V | F | LQFP64 | | |
| LPC2129/01 | 256KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | 2 | 2 | x | x | 4 | x | x | x | 46 | x | ○ | 60 | 1.8V | 3.3V | F | LQFP64 | |
| LPC2119/01 | 128KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | 2 | 2 | x | x | 4 | x | x | x | 46 | x | ○ | 60 | 1.8V | 3.3V | F | LQFP64 | |
| LPC2109/01 | 64KB | 8KB | x | 5 | 6 | x | x | 2 | 1 | 1 | 2 | x | x | 4 | x | x | x | 46 | x | ○ | 60 | 1.8V | 3.3V | F | LQFP64 | |
| LPC2124/01 | 256KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | x | 2 | x | x | 4 | x | x | x | 46 | x | ○ | 60 | 1.8V | 3.3V | F | LQFP64 | |
| LPC2114/01 | 128KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | x | 2 | x | x | 4 | x | x | x | 46 | x | ○ | 60 | 1.8V | 3.3V | F | LQFP64 | |
| LPC2106/01 | 128KB | 64KB | x | 5 | 6 | x | x | 2 | 1 | x | 1 | x | x | x | x | x | x | 32 | x | ○ | 60 | 1.8V | 3.3V | B,F | LQFP48 | |
| LPC2105/01 | 128KB | 32KB | x | 5 | 6 | x | x | 2 | 1 | x | 1 | x | x | x | x | x | x | 32 | x | ○ | 60 | 1.8V | 3.3V | B | LQFP48 | |
| LPC2104/01 | 128KB | 16KB | x | 5 | 6 | x | x | 2 | 1 | x | 1 | x | x | x | x | x | x | 32 | x | ○ | 60 | 1.8V | 3.3V | B | LQFP48 | |
| LPC2103 | 32KB | 8KB | x | 6 | 14 | x | x | 2 | 2 | x | 1 | 1 | x | 8 | x | x | x | 32 | x | ○ | 70 | 1.8V | 3.3V | F | LQFP48 HVQFN48 | |
| LPC2102 | 16KB | 4KB | x | 6 | 14 | x | x | 2 | 2 | x | 1 | 1 | x | 8 | x | x | x | 32 | x | ○ | 70 | 1.8V | 3.3V | F | LQFP48 HVQFN48 | |
| LPC2101 | 8KB | 2KB | x | 6 | 14 | x | x | 2 | 2 | x | 1 | 1 | x | 8 | x | x | x | 32 | x | ○ | 70 | 1.8V | 3.3V | F | LQFP48 | |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC1700シリーズ

ARM Cortex™ -M3 Revision 2コア

| Part NO | Memory | | Timers | | | | Analog | | | | | | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq.(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|---------|--------|---------|--------------|--------------|----------|-----|--------|-----|-----|-----|-----|-----|----------------------------|----------------|--------|----------|------------------------|-----|-----------------|-------------|-------------|--------------------|---------|
| | Flash | RAM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(12-bit) NO.of channels | | | | | | | | | | |
| LPC1769 | 512KB | 64KB | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | x | 70 | x | ○ | 120 | 3.3V | F | LQFP100 |
| LPC1768 | 512KB | 64KB | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | x | 70 | x | ○ | 100 | 3.3V | F | LQFP100 |
| LPC1767 | 512KB | 64KB | 6 | 6 | 1 | x | 4 | 3 | x | 1 | 2 | 1 | 8 | 1 | x | x | 70 | x | ○ | 100 | 3.3V | F | LQFP100 |
| LPC1766 | 256KB | 64KB | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | x | 70 | x | ○ | 100 | 3.3V | F | LQFP100 |
| LPC1765 | 256KB | 64KB | 6 | 6 | x | 1 | 4 | 3 | 2 | 1 | 2 | 1 | 8 | 1 | x | x | 70 | x | ○ | 100 | 3.3V | F | LQFP100 |
| LPC1764 | 128KB | 32KB | 6 | 6 | 1 | 1 | 4 | 3 | 2 | 1 | 2 | x | 8 | x | x | x | 70 | x | ○ | 100 | 3.3V | F | LQFP100 |
| LPC1759 | 512KB | 64KB | 6 | 6 | x | 1 | 4 | 2 | 2 | 1 | 2 | 1 | 6 | 1 | x | x | 52 | x | ○ | 120 | 3.3V | F | LQFP80 |
| LPC1758 | 512KB | 64KB | 6 | 6 | 1 | 1 | 4 | 2 | 2 | 1 | 2 | 1 | 6 | 1 | x | x | 52 | x | ○ | 100 | 3.3V | F | LQFP80 |
| LPC1756 | 128KB | 32KB | 6 | 6 | x | 1 | 4 | 2 | 2 | 1 | 2 | 1 | 6 | 1 | x | x | 52 | x | ○ | 100 | 3.3V | F | LQFP80 |
| LPC1754 | 128KB | 32KB | 6 | 6 | x | 1 | 4 | 2 | 1 | 1 | 2 | x | 6 | 1 | x | x | 52 | x | ○ | 100 | 3.3V | F | LQFP80 |
| LPC1752 | 64KB | 16KB | 6 | 6 | x | 1 | 4 | 2 | 1 | 1 | 2 | x | 6 | x | x | x | 52 | x | ○ | 100 | 3.3V | F | LQFP80 |
| LPC1751 | 32KB | 8KB | 6 | 6 | x | 1 | 4 | 2 | 1 | 1 | 2 | x | 6 | x | x | x | 52 | x | ○ | 100 | 3.3V | F | LQFP80 |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC1300シリーズ

ARM Cortex™ -M3 Revision 2コア

| Part NO | Memory | | Timers | | | | | | | | | | Analog | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|---------|--------|---------|--------------|--------------|----------|-----|------|-----|-----|-----|-----|-----|----------------------------|--------------------|----------------|--------|----------|------------------------|-----|----------------|-------------|-------------|--------------------|-----|
| | Flash | RAM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC NO.of channels | | | | | | | | | | |
| LPC1343 | 32KB | 8KB | 5 | 13 | x | 1 | 1 | 1 | x | x | 1 | x | 8 | x | x | x | 40 | x | ○ | 72 | 3.3V | F | LQFP48, HVQFN33 | |
| LPC1342 | 16KB | 4KB | 5 | 13 | x | 1 | 1 | 1 | x | x | 1 | x | 8 | x | x | x | 40 | x | ○ | 72 | 3.3V | F | HVQFN33 | |
| LPC1313 | 32KB | 8KB | 5 | 13 | x | x | 1 | 1 | x | x | 1 | x | 8 | x | x | x | 42 | x | ○ | 72 | 3.3V | F | LQFP48, HVQFN33 | |
| LPC1311 | 8KB | 2KB | 5 | 13 | x | x | 1 | 1 | x | x | 1 | x | 8 | x | x | x | 42 | x | ○ | 72 | 3.3V | F | HVQFN33 | |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105

LPC1100シリーズ

ARM Cortex™ -M0コア

| Part NO | Memory | | Timers | | | | | | | | | | Analog | | LCD Controller | SD/MMC | I/O pins | External bus interface | PLL | MAX. freq(MHz) | CPU voltage | I/O voltage | Temp.range options | PKG |
|---------|--------|----------|--------------|--------------|----------|-----|------|-----|-----|--------|--------|-----|----------------------------|--------------------|----------------|--------|----------|------------------------|-----|----------------|-------------|-------------|-------------------------|-----|
| | Flash | RAM(KB) | NO.of timers | PWM channels | Ethernet | USB | UART | I2C | CAN | SPI | SSP | I2S | ADC(10-bit) NO.of channels | DAC NO.of channels | | | | | | | | | | |
| LPC1114 | 32KB | 4 or 8KB | 5 | 13 | x | x | 1 | 1 | x | 1 or 2 | 1 or 2 | x | 8 | x | x | x | 42 | x | ○ | 50 | 3.3V | F | LQFP48, HVQFN33, PLCC44 | |
| LPC1113 | 24KB | 4 or 8KB | 5 | 13 | x | x | 1 | 1 | x | 1 or 2 | 1 or 2 | x | 8 | x | x | x | 42 | x | ○ | 50 | 3.3V | F | LQFP48, HVQFN33 | |
| LPC1112 | 16KB | 2 or 4KB | 5 | 13 | x | x | 1 | 1 | x | 1 | 1 | x | 8 | x | x | x | 28 | x | | 50 | 3.3V | F | HVQFN33 | |
| LPC1111 | 8KB | 2 or 4KB | 5 | 13 | x | x | 1 | 1 | x | 1 | 1 | x | 8 | x | x | x | 28 | x | | 50 | 3.3V | F | HVQFN33 | |

[Temp.range] B: 0 to +70 , F: -40 to +85 , H: -40 to 125 , J: -40 to 105