



**Micrel / Microchip Technology**



Ko te whakaahua he tohu. Tirohia nga korero mo nga taipitopito hua.

**ATSAMD20E17A-AUT**

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Tau Wae:            | ATSAMD20E17A-AUT                                                                                                   |
| Kaihanga / Waitohu: | Micrel / Microchip Technology                                                                                      |
| Whakaahuatanga hua  | IC MCU 32BIT 128KB FLASH 32TQFP                                                                                    |
|                     |  1.ATSAMD20E17A-AUT.pdf           |
|                     |  2.ATSAMD20E17A-AUT.pdf           |
|                     |  3.ATSAMD20E17A-AUT.pdf           |
| Ngā Rauemi:         |  Whakahaerehia te kore utu / RoHS |
| RoHs Tūnga          | 48034 pcs stock                                                                                                    |
| Waehere Stock       | Hong Kong                                                                                                          |
| Tuhinga mai i       | DHL/Fedex/TNT/UPS/EMS                                                                                              |
| Te Ara Tuhi         |                                                                                                                    |

**TONO MO TE WHAKAHUA**

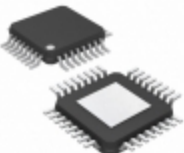
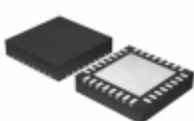
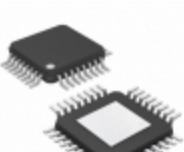
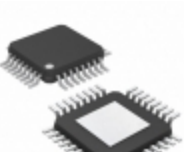
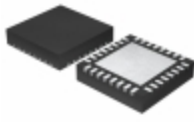
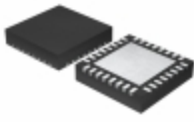
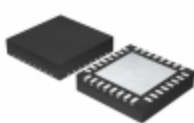
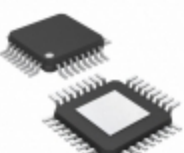
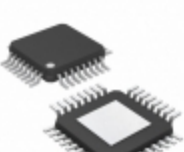
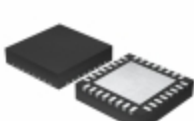
Ngā whakaaturanga o ATSAMD20E17A-AUT

|                                         |                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TAU WAE                                 | ATSAMD20E17A-AUT                                                                                                                                                                                                                                                                                                                       |
| KAIHANGA                                | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| WHAKAAHUATANGA                          | IC MCU 32BIT 128KB FLASH 32TQFP                                                                                                                                                                                                                                                                                                        |
| WHAKAHAERE TOKO WHAKAHAERE / ROHS TŪNGA | Whakahaerehia te kore utu / RoHS                                                                                                                                                                                                                                                                                                       |
| HE RAHINGA KEI TE WĀTEA                 | 48034 pcs                                                                                                                                                                                                                                                                                                                              |
| PEPA RARAUNGA                           |  1.ATSAMD20E17A-AUT.pdf<br> 2.ATSAMD20E17A-AUT.pdf<br> 3.ATSAMD20E17A-AUT.pdf |
| NGAOHIHI - WHAKAAETANGA (VCC / VDD)     | 1.62 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                         |
| PŪRERE PŪRERE WHAKARATO                 | 32-TQFP (7x7)                                                                                                                                                                                                                                                                                                                          |
| TERE                                    | 48MHz                                                                                                                                                                                                                                                                                                                                  |
| RAUPAPA                                 | SAM D20E                                                                                                                                                                                                                                                                                                                               |
| RAHI RAM                                | 16K x 8                                                                                                                                                                                                                                                                                                                                |
| MOMO MOMO RATONGA                       | FLASH                                                                                                                                                                                                                                                                                                                                  |
| RAHI MOTU RATONGA                       | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                       |
| NGA PAPA HANGA REO                      | Brown-out Detect/Reset, POR, WDT                                                                                                                                                                                                                                                                                                       |
| PACKAGING                               | Original-Reel®                                                                                                                                                                                                                                                                                                                         |
| PAA / CASE                              | 32-TQFP                                                                                                                                                                                                                                                                                                                                |
| ĒTAHI INGOA                             | ATSAMD20E17A-AUTDKR                                                                                                                                                                                                                                                                                                                    |
| OSCILLATOR MOMO                         | Internal                                                                                                                                                                                                                                                                                                                               |
| TAE MAHI                                | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                      |
| TAU O I / O                             | 26                                                                                                                                                                                                                                                                                                                                     |
| TAUMATA WHAKAARO MOE (MSL)              | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                          |
| WHAKAHAERE TOKO WHAKAHAERE / ROHS TŪNGA | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| RAE EEPROM                              | -                                                                                                                                                                                                                                                                                                                                      |
| WHAKAAHUATANGA TAIPITOPITO              | ARM® Cortex®-M0+ SAM D20E Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 32-TQFP (7x7)                                                                                                                                                                                                                                         |
| RARAUNGA RARAUNGA                       | A/D 10x12b, D/A 1x10b                                                                                                                                                                                                                                                                                                                  |
| NUI RAHI                                | 32-Bit                                                                                                                                                                                                                                                                                                                                 |
| TE TUKATUKA CORE                        | ARM® Cortex®-M0+                                                                                                                                                                                                                                                                                                                       |
| HONONGA                                 | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                   |
| TAU WAE TUAKIRI                         | ATSAMD20E17                                                                                                                                                                                                                                                                                                                            |

Ngā tūtohu e hāngai ana

|                                                |                                            |                                                         |
|------------------------------------------------|--------------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMD20E17A-AUT | ATSAMD20E17A-AUT Kaiwhiwhi                 | ATSAMD20E17A-AUT Kaiwhakarato                           |
| ATSAMD20E17A-AUT Utu                           | ATSAMD20E17A-AUT Pikitia                   | ATSAMD20E17A-AUT Whakaahua                              |
| ATSAMD20E17A-AUT PDF Datasheet                 | ATSAMD20E17A-AUT Download Datasheet        | Tuhinga ATSAMD20E17A-AUT                                |
| ATSAMD20E17A-AUT Stock                         | Hokona ATSAMD20E17A-AUT                    | Hokona Micrel / Microchip Technology ATSAMD20E17A-AUT   |
| Micrel / Microchip Technology ATSAMD20E17A-AUT | Micrel / Microchip Technology Kaiwhakarato | Micrel / Microchip Technology Kaiwhiwhi                 |
| Micrel / Microchip Technology ATSAMD20E17A-AUT | Microchip Technology ATSAMD20E17A-AUT      | Roving Networks / Microchip Technology ATSAMD20E17A-AUT |

Ngā Hua e hāngai ana

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>ATSAMD20E17A-AN</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 128KB FLASH 32TQFP</p> <p>I roto i te taonga: 54950 pcs</p> <p><b>RFQ</b></p>  |  <p><b>ATSAMD20E17A-MU</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 128KB FLASH 32QFN</p> <p>I roto i te taonga: 42115 pcs</p> <p><b>RFQ</b></p>    |
|  <p><b>ATSAMD20E17A-MUT</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 128KB FLASH 32QFN</p> <p>I roto i te taonga: 61379 pcs</p> <p><b>RFQ</b></p>  |  <p><b>ATSAMD20E16B-MNT</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: 32QFN 105C, GREEN,1.6-3.6V,48MHZ</p> <p>I roto i te taonga: 53404 pcs</p> <p><b>RFQ</b></p> |
|  <p><b>ATSAMD20E17A-ANT</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 128KB FLASH 32TQFP</p> <p>I roto i te taonga: 56364 pcs</p> <p><b>RFQ</b></p> |  <p><b>ATSAMD20E18A-AN</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 256KB FLASH 32TQFP</p> <p>I roto i te taonga: 51438 pcs</p> <p><b>RFQ</b></p>   |
|  <p><b>ATSAMD20E17A-MN</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 128KB FLASH 32QFN</p> <p>I roto i te taonga: 60557 pcs</p> <p><b>RFQ</b></p>   |  <p><b>ATSAMD20E16B-MUT</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: 32QFN IND TEMP, GREEN,1.6-3.6V,4</p> <p>I roto i te taonga: 68167 pcs</p> <p><b>RFQ</b></p> |
|  <p><b>ATSAMD20E17A-MNT</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 128KB FLASH 32QFN</p> <p>I roto i te taonga: 48323 pcs</p> <p><b>RFQ</b></p>  |  <p><b>ATSAMD20E17A-AU</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 128KB FLASH 32TQFP</p> <p>I roto i te taonga: 53388 pcs</p> <p><b>RFQ</b></p>   |
|  <p><b>ATSAMD20E18A-ANT</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: IC MCU 32BIT 256KB FLASH 32TQFP</p> <p>I roto i te taonga: 70652 pcs</p> <p><b>RFQ</b></p> |  <p><b>ATSAMD20E16B-MU</b></p> <p>Kaihanga: Micrel / Microchip Technology</p> <p>Whakaahuatanga: 32QFN IND TEMP, GREEN,1.6-3.6V,4</p> <p>I roto i te taonga: 48601 pcs</p> <p><b>RFQ</b></p>  |