

| |  A-Star 32U4 Micro |  A-Star 32U4 Mini ULV |  A-Star 32U4 Mini LV |  A-Star 32U4 Mini SV |  A-Star 32U4 Prime LV |  A-Star 32U4 Prime SV |
|-----------------------|---|--|---|--|--|--|
| Microcontroller: | ATmega32U4 | ATmega32U4 | | | ATmega32U4 | |
| User I/O lines: | 18 | 26 | | | 26 | |
| PWM outputs: | 7 | 7 | | | 7 | |
| Analog inputs: | 8 | 12 | | | 12 | |
| Ground access points: | 2 | 4 | | | 43 | |
| User LEDs: | 2 | 3 | | | 3 | |
| User pushbuttons: | — | — | | | 3 | |
| Reset button: | | ✓ | | | ✓ | |
| Power switch: | | | | | ✓ | |
| Buzzer option: | | | | | ✓ | |
| microSD option: | | | | | ✓ | |
| LCD option: | | | | | ✓ | |
| Operating voltage: | 5.5 V to 15 V | 0.5 V to 5.5 V | 2.7 V to 11.8 V | 5 V to 36 V | 2.7 V to 11.8 V | 5 V to 36 V |
| Regulator type: | linear | switching step-up | switching step-up/step-down | switching step-down | switching step-up/step-down | switching step-down |
| Regulated current: | 100 mA(1) | 500 mA(1) | 1 A(1) | 500 mA(1) | 1 A(1) | 1 A(1) |
| Dimensions: | 1" × 0.6" | 1.9" × 0.7" | | | 2.8" × 2.1" | |
| Weight: | 1.3 g(2) | 3.4 g(2) | | | 13 g to 33 g | |