

Article Overview

Key suppliers for Spot Micro-modules include Ambiq Micro, Microdul AG, and Allegro MicroSystems, offering ultra-low power and miniature electronic modules for various applications.

Ambiq Micro

Ambiq Micro specializes in ultra-low power semiconductors using their patented Subthreshold Power Optimized Technology (SPOT(TM)). Their Apollo MCUs leverage SPOT(TM) to operate at extremely low voltages (0.5V), achieving up to 13x energy savings compared to standard CMOS circuits. These modules are ideal for battery-powered devices, IoT applications, and robotics, providing high-performance ARM Cortex-M4F cores with minimal energy consumption . Ambiq Micro modules can be sourced through their European distributor, Kaga FEI Europe .

Microdul AG

Microdul AG manufactures highly miniaturized electronic modules and PCBAs, tailored for medical devices, implants, and high-end industrial products. They offer custom substrate layouts, ultra-precise SMD assembly, bare-die packaging, wire bonding, and micro-welding, all in Class 5 cleanrooms. Microdul's expertise allows for fully customized micro-modules with high reliability, making them suitable for projects requiring compact and specialized electronics .

Allegro MicroSystems

Allegro MicroSystems provides a global network of distributors and sales offices for their power and sensing solutions. They partner with companies like Arrow Electronics, Future Electronics, Mouser, and Digikey, offering design support, local expertise, and reliable supply. Allegro modules are suitable for motion control, robotics, and sensor integration, and can be sourced through their authorized distributors worldwide .

Additional Notes

For hobbyist or open-source Spot Micro robotics projects, components such as servos, control boards, and Raspberry Pi-based modules are often used. While these are not commercial SPOT(TM) modules, they are relevant for 3D-printed quadruped robots and can be sourced from electronics suppliers like Mouser or Digikey . By contacting these suppliers or their authorized distributors, you can obtain technical specifications, customization options, and regional availability for Spot Micro-modules suitable for your application.

Basically the 1.8" TFT was replaced by an 0.96" OLED now placed in the top-shell, for status reporting. I

Flos Light Cut Mini - Spot Module Phosphor Led, adjustable spotlight with 18W power for installation on Channel and Perimetral

STANDARD - self contained - 220 - 240VAC 50 - 60Hz PREMIUM - self contained - 220 - 240VAC 50 -

The Spot Micro ESP32 is a compact, powerful wireless module based on the ESP32-S2 microcontroller, ideal for IoT and embedded

Search for manufacturer part numbers and find price, stock and part data by distributor.

NanoSpot - Multi-Mode Digital Hot Spot, Designed for Pi-Star / MMDVM Open Source Firmware Compatibility.

9 Microdisplay Manufacturers in 2026 This section provides an overview for microdisplays as well as their applications and principles.

Accent lighting LED module to be installed in The Micro Running Magnet System. Built-in DC/DC electronic voltage converter.

Stellenbosch University is a leading research institution driving knowledge, innovation and transformation

ADAYO lighting manufacturer LED lighting with high luminous efficiency and this module spot light fixtures are available in variety of

To build your own SpotMicroESP32 you will need to print a lot parts. For an overview of the 3D printed parts needed, please visit the

2) Spot Micro Hardware Hardware Build. I printed most of the parts using a transparent PLA, but you can use what ever material you

This section gives an overview of all available, publicly shared modifications i am aware of. I cannot guarantee for compatibility of

Get in touch with Air (formerly Govini). Contact our team to request a demo, discuss media inquiries, or learn more about our

So, finally one milestone done...i have designed and finalized all parts necessary for the build of my personal



Spot Micro-module Suppliers

SpotMicro-Derivate... i

Spot Micro Quadruped Project. Contribute to mvnd06/spotmicro development by creating an account on GitHub.

Web: <https://millstraining.co.za>

