

Dual Smart USB Charger



PID: MIKROE-5799

Dual Smart USB Charger – your gateway to efficient and versatile charging. With a wide voltage range from 3.5V to a robust 36V, this charger, based on the [MAX20047A](#) from [Analog Devices](#), ensures compatibility with various power sources. Achieving an impressive 93% efficiency, delivering up to 3A of charging current per port, and equipped with short-to-ground and overcurrent protection, it combines advanced technical capabilities with safety measures to redefine your charging experience.

Downloads

[Dual Smart USB Charger 2D and 3D files](#)

[STL10N3LLH5 datasheet](#)

[Dual Smart USB Charger schematic](#)

[MAX20047 datasheet](#)

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.
 ISO 14001: 2015 certification of environmental management system.
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).