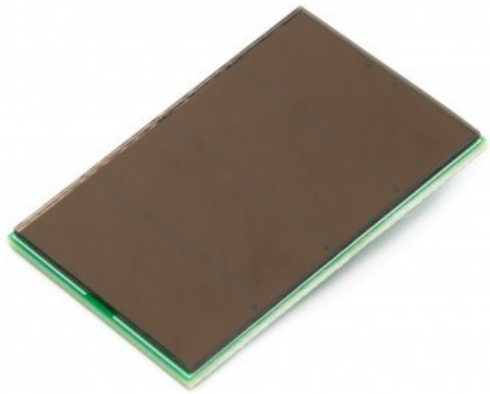
MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

Glass Indoor Solar Cell Module (1-cell)



PID: MIKROE-6894

Glass Indoor Solar Cell Module (1-cell) provides a compact and ready-to-use energy-harvesting solution for powering low-power electronics in indoor environments. Built around the AMG-1401C amorphous silicon solar cell and mounted on a dedicated PCB, the module offers improved handling, solderable connector pads for DS1069-11 connectors, and accessible positive and negative pads on all sides for flexible wiring and integration. Its nearly black-reflective surface boosts efficiency by more than 20%, while the glass-based a-Si:H cell delivers around 8µW/cm² at 200 lux and maintains stable performance under low artificial light. The package includes two 15cm female-to-female jumper wires for quick prototyping, and the module outputs up to 77.8µW at 2.2V, making it compatible with a wide range of energy-harvesting power-management ICs. This module is ideal for IoT sensors, asset trackers, watches, remote controls, and other compact low-power applications.

For more information about **Glass Indoor Solar Cell Module (1-cell)** visit the official product page.

Downloads

AMG-1401C datasheet

Glass Indoor Solar Cell Module schematic v101

Glass Indoor Solar Cell Module 2D and 3D files v101