

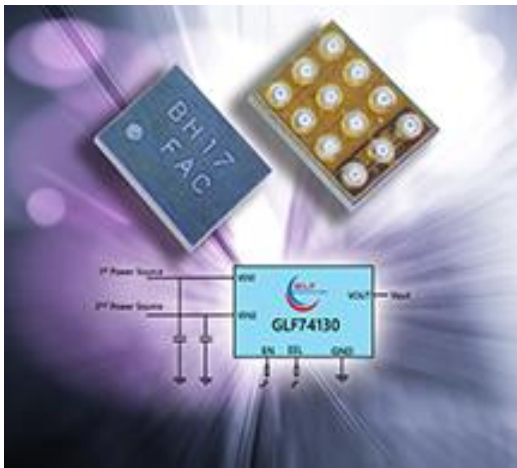


NEWS RELEASE

GLF's Introduces Ultra-High-Efficiency 4.5A Two-Input Power Mux for IoT Applications

New I_QSmart™ IC load switch designed for smart devices with backup power source; low ON resistance and ultra-low OFF leakage extend battery life; tiny WLCSP space-saving package size

Santa Clara, CA.— October 8, 2019 — [GLF Integrated Power](#), a leading producer of innovative



ultra-low-power I_QSmart™ load switch ICs for portable and wearable electronics, introduces the [GLF74130, a two-input Power Mux IC](#) that offers significant efficiency improvement over traditional diode-based solutions. The tiny (1.27 mm x 1.67 mm) Wafer Level Chip Scale Packaged (WLCSP) Power Mux IC provides automatic/manual selection between two 1.5V to 5.5V input power sources with up to 4.5A continuous output current. The device's small footprint and industry-leading combination of low R_{ON} (20 mOhms), low supply current (4 μA), and ultra-low standby current (50 nA) offer an exceptional solution for smart IoT devices and IoT tracking systems.

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“The driving force behind GLF’s innovations in load switch design is to satisfy the market demand for extended battery life in wearables and IoT devices,” said Eileen Sun, President, and CEO at GLF Integrated Power. “The GLF74130, a two-input Power Mux applies our industry award-winning high-efficiency technology to replace the power-wasting diode circuits typically used to support primary and backup power sources.”

The GLF74130 supports both automatic and manual selection of power input, saving external components and GPIO that would otherwise be needed. The Device also features high ESD withstand capability (6kV HBM and 2kV CDM) to assure reliable operation.

[\[Click here to download product brief\]](#)

Price: \$0.29 (in OEM quantities)
Lead Time: 6 weeks, ARO

About GLF Integrated Power.

GLF integrated Power is a fabless semiconductor company based in Santa Clara, California. Founded in 2013, the company is a supplier of breakthrough, ultra-efficient, ultra-small, silicon power control and protection ICs. When the IoT, ultra-portable and wearable revolution was starting, the GLF founding team saw the need for a new generation of more efficient power switch devices. This was when GLF Integrated Power was born. The company has developed new IP that enable cost-effective, efficient and differentiated power management solutions.

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