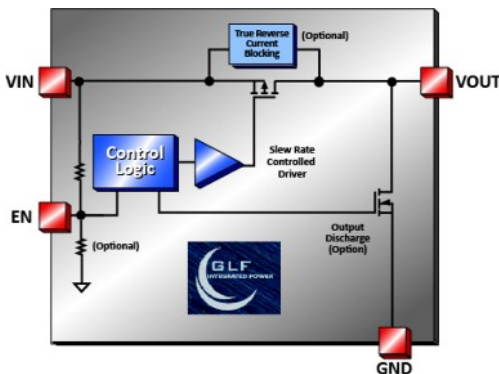




NEWS RELEASE

GLF's Latest I_QSmart™ IC Load Switches Feature Industry-Leading Ultra-Low Operational Current, Ultra-Low Low-Leakage Current, Slew Rate Control and True Reverse Current Blocking

GLF112x/GLF122x Load Switches' compact size, 1A rating and industry's best size-to-R_{ON} ratio supports an array of applications



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Santa Clara, CA — February 16, 2023 — [GLF Integrated Power](#), a global manufacturer of innovative ultra-low-power load switches, introduces its latest generation of I_QSmart™ devices. The high-efficiency GLF112x and GLF122x Series of 1A-rated load switches feature an operating temperature range (40°C to +85°C), integrated slew rate control, low R_{ON} (52mΩ), ultra-low I_Q (1nA) and I_{SD} (10nA) at 5.5V V_{IN}. Built on GLF's proprietary load switch technology, they boast the industry's smallest (0.67mm x 0.67mm x 0.425 mm, 0.35mm pitch) package reducing board space and allowing engineers and architects to have fewer design constraints.

Target applications include wearables, IoT, medical devices (e.g., hearing aids), true wireless stereo (TWS), mobile phones, contactless payment systems, Bluetooth low energy (BLE) and other low power sub-systems.

GLF122x load switches also provide True Reverse Current Blocking (TRCB), designed to cut off current flow if the V_{OUT} pin voltage exceeds V_{IN}.

"GLF112x/GLF122x expands GLF load switch product family by offering the smallest size in the industry," said Eileen Sun, President and CEO at GLF Integrated Power. "The low I_Q and I_{SD} of the [GLF112x](#) and [GLF122x](#) Families help designers to reduce parasitic leakage current, improve system efficiency and increase battery lifetime, improving the overall user experience."

Price: \$0.169 (in 10K quantities)

Lead Time: Small volumes: In stock; large quantities: 16 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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