

Table. Circuit applications for the ALD310702A/ALD310702 p-channel MOSFET arrays.

0.5% precision current mirrors and current sources
Low tempco (≤ 50 ppm/ $^{\circ}\text{C}$) current mirrors/sources
Energy harvesting circuits
Very low voltage analog and digital circuits
Backup battery circuits and power failure detectors
Precision low-level voltage-clamps
Low-level zero-crossing detector
Source followers and buffers
Precision capacitive probes and sensor interfaces
Precision charge detectors and charge integrators
Discrete differential amplifier input stage
Peak-detectors and level-shifters
High-side switches and Sample-and-Hold switches
Precision current multipliers
Discrete analog switches/multiplexers
Discrete voltage comparators