

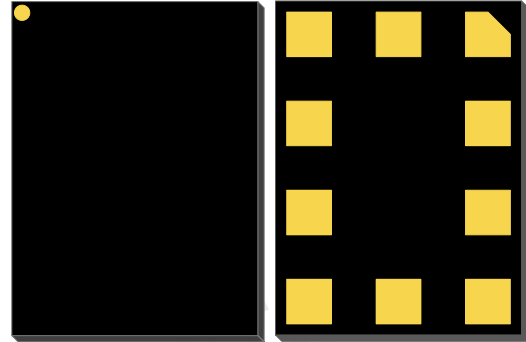
# OM8775Q-15 Datasheet 4xSPST (Single-Pole-Single-Throw Switch)

## Product Features

- High peak voltage handling: 45 V
- Low  $R_{on}$  and  $C_{off}$ : 1.2 Ohm/120 fF
- Single VIO supply, no VDD
- >2kV HBM ESD Protection on all pins.

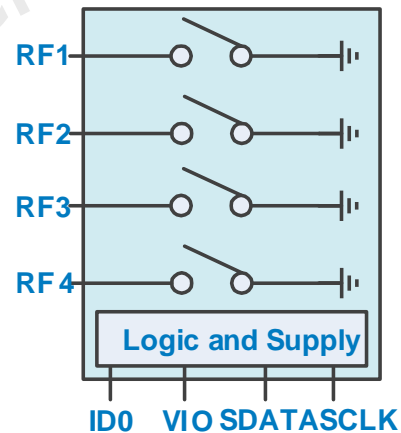
## Applications

- Antenna tuning
- Impedance tuning
- Band switching



## Product Description

The OM8775Q-15 is a 4xSPST switch designed for antenna/impedance tuning applications which require high voltage handling capability. All RF path performance is enhanced with low on state resistance, low off state capacitance, and very high RF voltage handling capability. The OM8775Q-15 is a 4xSPST switch with a Mobile Industry Processor Interface (MIPI). VDD Supply is not required in OM8775Q-15. The OM8775Q-15 is manufactured in a compact, 10-pin 1.1 x 1.5 x 0.40 mm package. A functional block diagram is shown in Figure 1



**Figure 1 Functional Block Diagram**