



# 7 A 2:1 Switched Capacitor Charger for Single Cell Battery

## PCA9482

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The PCA9482UK is a highly-integrated switched-capacitor converter with an embedded OVPFET, targeted to provide two times the output current for fast charging applications with a 1-cell battery. The device works in 2:1 switching operation with very high efficiency (> 96.5%, at  $V_{VOUT} = 4\text{ V}$ ,  $I_{VOUT} = 5\text{ A}$ ), in 1:2 switching operation or in 1:1 mode with forward and reverse direction.

The chip is offered in 3.02 mm x 2.72 mm, 6 x 7 bumps, 0.4mm pitch WLCSP package.

