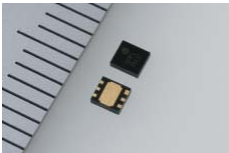


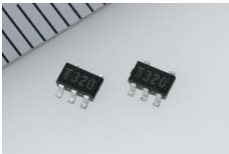
Making the most efficient use of your power ...

... means having the right tools for the job in order to obtain optimum performance !

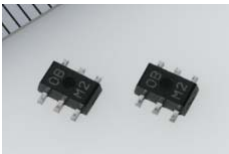
**Low Voltage Input LDO Voltage Regulators XC6601 Series** NEW



USP-6C (1.8×2.0×0.6 (MAX.) mm)

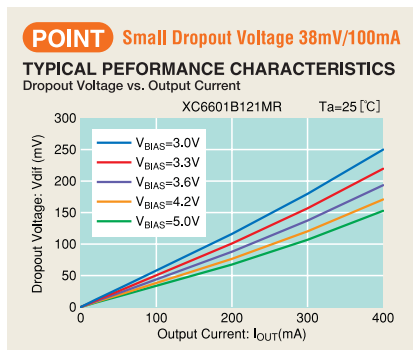


SOT-25 (2.8×2.9×1.3 (MAX.) mm)



SOT-89-5 (4.5×4.5×1.6 (MAX.) mm)

The XC6601 series is a low voltage input CMOS LDO regulator which provides highly accurate ( $\pm 20\text{mV}$ ) outputs and can supply current efficiently due to its ultra low on-resistance even at low output voltages. The series is ideally suited to the applications which require very low dropout voltage operation and consists of a voltage reference, an error amplifier, a driver transistor, a current limiter, a fold back circuit, a thermal shutdown (TSD) circuit, an under voltage lock out (UVLO) circuit and a phase compensation circuit.



Typical Application

