



100mA, High Voltage LDO Regulators

AP75xx Series are high input

voltage, low power consumption, low dropout, CMOS LDO voltage regulators.

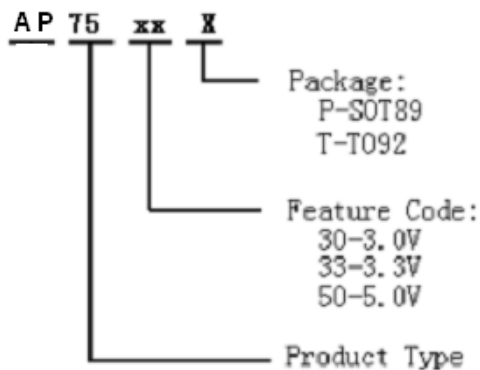
The AP75xx consists of a high-precision voltage reference, an error correction circuit, and a phase compensate circuit.

Output voltage is selectable between 3.0V to 5.0V. Output Voltage Accurate is $\pm 3\%$.

Features

- Highly Accurate : Output Voltage $\pm 3\%$;
- Input Voltage: $\leq 20V$;
- Output Voltage: 3.0V~5.0V;
- Low Power Consumption : Typical $3.0 \mu A$;
- Output Current:: if $V_{in}=5.3V$ and $V_{out}=3.3V$, then $I_{out}=100mA$;
- Input stability: Typ. $0.3\%/V$;
- Very low temperature coefficient
- Can use ceramic capacitor ;
- Package : SOT23, SOT89 .

Selection Guide



Applications

- Battery-powered equipment ;
- Communication equipment ;
- Audio/Viode equipment ;

TYPE	POSTFIX	PACKAGE	CE FUNCTION	FEATURES
AP75xx	P	SOT89-3	No	
	T	TO92		