

MM3781

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Overview

This IC is a discharge IC for fast discharge the electric charge of capacitor when power supply is turned off. The IC can be used to turn off multiple power supply of microcomputer, SoC and image sensor. And it can reduce the parts, the peripheral wiring and loss current for a built-in an inverter and NMOS transistor.

Package is small PLP-4C/SC-82 that contribute to reduce a space of PCB.

Application

- Power OFF sequence control.

Features

1ch positive voltage discharge

Specifications

Discharge current [mA]	Absolute maximum rating [V]	Recommended operating voltage Min. [V]	Recommended operating voltage Max. [V]	ON Input Current [μA]	OFF Input Current [μA]	Operating Ambient Temperature Min. [deg.C]
200	7.0	1.1	6.5	0.1	0.1	-40
Operating Ambient Temperature Max. [deg.C]						
85						

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Package

SC-82ABB

PLP-4C

Case Studies

No amplifier or software design required. Development of an LDO for automobiles with open load/short circuit detection function. [Power Supply IC]