

## MM3782

2023/09/12

## Overview

This IC is a negative output discharge IC for fast discharge the electric charge of capacitor when power supply is turned off.

The IC can be used to turn off the multiple power supply of image sensor etc. And it is easy to control by positive voltage of microcomputer.

The IC 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 negative 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]
500	-6.0	-5.5	-1.8	1.0	1.0	-40
Operating Ambient Temperature Max.						

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[deg.C]
85

## Package

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SC-82ABB

PLP-4C

## Case Studies

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