

## MM3665

2023/07/20

## Features

Compatible with USB-PD

Less parts

Auto correction of protection condition

Low standby power

## Toporogy/Function Type

PWM+QR control

## Specifications

Recommended operating voltage Min. [V]	VIN Max. [V]	Rating [V]	Switching frequency Min. [KHz]	Switching frequency Max. [KHz]
10.0	90	740	22	100

Product name	X Capacitor Discharge	Maximum frequency [KHz]	Overcurrent protection	Overload protection	Features
MM3665A	○	66	ON Duty limit	Restart(2s)	For USB-PD Auto restart type in over load protection (OLP) Auto restart type in DMG relative over voltage protection at open loop (ROVP)
MM3665B	○	66	ON Duty limit	Latch stop	For USB-PD Latch type in over load protection (OLP) Latch type in DMG relative over voltage protection at open loop (ROVP)
MM3665C	○	66	ON Duty	Restart(2s)	For general power supply

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Part Number	Package	Pin Count	Protection	Restart (s)	Notes
MM3665D	○	66	ON Duty limit	Latch stop	Auto restart type in over load protection (OLP) For general power supply Latch type in over load protection (OLP)
MM3665E	○	100	ON Duty limit	Restart(2s)	For general power supply
MM3665F	○	100	ON Duty limit	Latch stop	For general power supply

## Package

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SOP-10A

## Case Studies

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