Product Overview

**KA278R05C: 2A Fixed 5V Low Dropout Voltage Regulator (LDO)**

For complete documentation, see the data sheet.

The KA278RXXC is a low-dropout voltage regulator suitable for various electronic equipments. It provides constant voltage power source with TO-220-4 lead full mold package. The dropout voltage of KA278RXXC is below 0.5V in full rated current (2A). This regulator has various functions such as a peak current protection, a thermal shut down, an overvoltage protection.

**Features**
- KA278RXXC-series (33/05/51/09/12)
- 2A/3.3V, 5V, 5.1V, 9V, 12V output low dropout voltage regulator
- TO-220 full-mold package (4pin)
- Overcurrent protection, thermal shutdown
- Overvoltage protection, short circuit protection
- With output disable function KA278RA05C
- Nominal 5V output without adjusting
- Output adjustable between 1.25V and 32V
- 2A output low dropout voltage regulator
- TO-220 full-mold package (4pin)

For more features, see the data sheet.

**Applications**
- This product is general usage and suitable for many different applications.

For more information please contact your local sales support at www.onsemi.com.

Created on: 3/18/2020