

Special Feature

From basic circuits such as microcomputer, analog and power supply to application circuits

Readily available practical circuits

Chapter 1 Covering key input, LED, LCD, serial communication and digital filter circuit
52 **Readily available microcomputer and digital circuits**

Key matrix circuit / Switch input circuit with shift register / 7-segment LED lighting circuit / Dynamic lighting circuit for 7-segment LED / Connection circuit for LCD module / Shared circuit for LCD module & switch input / LCD contrast automatic adjustment circuit / PWM LCD contrast adjustment circuit / RS-232C circuit / Low consumption current RS-232C circuit / Serial to Centronics conversion circuit / USB2.0 host circuit / High accuracy counter logic circuit / PWM Audio output circuit / External SRAM connection circuit / VCC variable circuit / CPLD general-purpose logic circuit / FIR digital filter circuit / High accuracy temperature measurement circuit

Chapter 2 Covering OP amplifier basic circuit, oscillation circuit, measurement circuit and power amplifier circuit
76 **Readily available analog and audio circuits**

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Chapter 3 Covering constant-voltage/current, step-up/down, PFC, charge, high pressure and outage detection circuit
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