



Power ICs Article Archive (By Issue)

This document is a list of the power IC articles published in the How2Power Today newsletter. Products listed here include

- Power supply controllers
- Gate drivers
- Linear regulators
- Switching regulators and
- Point-of-load dc-dc converters
- Battery charger and battery management ICs
- ORing controllers
- LED drivers
- Wireless charging ICs

While most are monolithic semiconductor devices, some may be multi-chip modules or modules that copackage chips and magnetics or passives—the commonality is that all these products are housed in IC style packages. Integrated circuits using hybrid construction or open-frame PCB construction are generally not included here.

Products are listed here using the following format:

Issue date:

Article title, Part number/product name

[For more details...](#)(link to article)

For articles on discrete power semiconductors and modules, see the Discrete Power Semis and Modules Archive. For more on point of-load regulators and dc-dc converters, including hybrid and pc-board-based devices, see the Board-Mounted Power Converter Article Archive.

January 2020:

Photocouplers Shrink Designs For Industrial Automation And Solar Inverters, Renesas' RV1S92xxA and RV1S22xxA photocouplers

[For more details...](#)

Power ICs Article Archive (By Issue)

PMIC Powers Application-Processor-Based Systems, STMicro-electronics' STPMIC1 power-management IC

[For more details...](#)

February 2020:

Highly Robust Gate Drivers Achieve AEC-Q100 Automotive Qualification, Power Integrations' SID1181KQ SCALE-iDriver gate driver

[For more details...](#)

PMIC For Automotive Surround View Camera Systems, Renesas Electronics' ISL78083 automotive camera PMIC

[For more details...](#)

Rad Hard Regulator Integrates Synchronous Buck And LDO For Satellites, Renesas Electronics' ISL70005SEH synchronous buck and low dropout regulator

[For more details...](#)

March 2020:

40-A Buck Converter IC Is Stackable Up to 160 A, Texas Instruments' TPS546D24A 40-A buck converter

[For more details...](#)

April 2020:

What We Missed At APEC: Silicon Carbide Marches On And Other Power Product News, Power Integrations' PowiGaN, SiC SCALE iDriver gate driver, BRD 1167/1267 bridge switch motor driver ICs; Rohm Semiconductor's BM6112 isolated gate driver; Infineon Technologies' IR3887M, IR3888M and IR3889M OptiMOS iPOL regulators with Fast COT; the FOD8334, NCD57000 and NCP51530 gate drivers; Texas Instruments' TPS546D24A 40-A stackable buck converter, the TPSM53604 36-V input, 4-A output buck power module, the UCC12050/40 500-mW isolated dc-dc power supply; Efficient Power Conversion's EPC2152 80-V, 12.5-A power stage IC (driver plus eGaN FET half-bridge).

[For more details...](#)

Low-Cost ICs Provide Advanced Velocity Control Of Servo Motors, Performance Motion Devices' Juno Velocity Control ICs

[For more details...](#)

Power ICs Article Archive (By Issue)

Synchronous-Rectification Controller Cuts BOM Costs For Power Adapters,
STMicroelectronics' SRK1001 secondary-side synchronous-rectification controller

[For more details...](#)

May 2020:

GaN Power Switch Increases Output Of Display PSUs To 75 W, Power
Integrations' InnoSwitch3-MX isolated switcher IC family

[For more details...](#)

**PMIC Cuts Solution Size, Extends Battery Life For Wearables And
Hearables,** Maxim Integrated Products' MAX77654 power management IC

[For more details...](#)

**ACF Controllers Push Power Adapters To Higher Efficiency Using Silicon
Only,** Silanna Semiconductor's SZ1110 and SZ1130 active-clamp flyback
controllers

[For more details...](#)

Flexible And Rugged Controller Simplifies Power For Smart Devices,
STMicroelectronics' VIPer222 controller for high-voltage converters

[For more details...](#)

June 2020:

**Automotive LED Driver Ensures Stable Lighting During Battery Voltage
Drops,** ROHM Semiconductor's BD18336NUF-M LED driver IC

[For more details...](#)

**Thermally Efficient PFC Controller IC Enables 100-W Adapters With No
Heatsinks,** Power Integrations' HiperPFS-4 ICs

[For more details...](#)

Outer Loop Control ICs For Brushless DC And DC Brush Motors, Performance
Motion Devices' Juno Outer Loop Control ICs

[For more details...](#)

July 2020:

Voltage Regulator ICs Take Monolithic Integration to Another Level,
Empower Semiconductor's EP70xx Integrated Voltage Regulators

[For more details...](#)

Power ICs Article Archive (By Issue)

Configurable Mixed-Signal IC Adds High-Voltage Capability For Driving Motors, Dialog Semiconductor's SLG47105 HV PAK IC

[For more details...](#)

100-V Half-Bridge MOSFET Drivers Offer Ruggedness And High Performance, Renesas Electronics' HIP2211 and HIP2210 half-bridge MOSFET drivers

[For more details...](#)

Switcher IC Powers EV Subsystems Directly From 400-Vdc Bus, Power Integrations' AEC-Q100-qualified version of its LinkSwitch-TN2 switcher IC

[For more details...](#)

SiC-Based Three-Phase Driver Module Delivers 80 A Peak, Is Fully Integrated, Apex Microtechnology's SA310 three-phase driver

[For more details...](#)

Dual-Channel Buck Converters Feature Low EMI And Stackable Outputs, Analog Devices' LT8650S, LT8652S and LT8653S Silent Switcher converter ICs

[For more details...](#)

August 2020:

Switcher IC Eases Operation From High-Voltage EV Batteries, Power Integrations' InnoSwitch3-AQ flyback switcher IC

[For more details...](#)

Versatile LED Driver Powers A Host of Automotive Applications, Taiwan Semiconductor's TS19501 dimmable LED driver

[For more details...](#)

High-Speed Current Sensor With High Accuracy Supports Faster Switching Frequencies, Allegro MicroSystems' ACS37002 Hall-effect current sensor

[For more details...](#)

Buck-Boost Chargers Deliver Greater Power Density For USB And Wireless Dual-Input Charging, Texas Instruments' BQ25790 and BQ25792 buck-boost battery charger ICs

[For more details...](#)

Interleaved PFC Digital Power Controller Features Mechanical Inrush Control, STMicroelectronics' STNRGPF02 two-channel interleaved PFC controller

[For more details...](#)

September 2020:

Power ICs Article Archive (By Issue)

Kit Speeds Design Of Rad Hard Power ICs And Other Mixed-Signal Chips, Apogee Semiconductor's TalRad Process Design Kit

[For more details...](#)

Highly Integrated Automotive-Grade Buck Converters Power In-Cabin Electronics, Dialog Semiconductor's DA913X-A dc-dc converters

[For more details...](#)

CMOS LED ICs Replace Legacy Bipolar Drivers, Taiwan Semiconductor's TSCR4 linear CMOS LED driver ICs

[For more details...](#)

October 2020:

Efficient GaN-Powered LED Drivers Target Smart-Lighting Designs, Power Integrations' LYT6078C LED driver IC

[For more details...](#)

Buck-Boost Converter With Ultra-Low Quiescent Current Powers Sensors And Other Devices, Renesas Electronics' ISL9122A buck-boost regulator

[For more details...](#)

Devices Copackage Silicon Half-Bridge Driver And 650-V GaN Transistors, STMicroelectronics' MasterGaN1 GaN half bridge with integrated drivers

[For more details...](#)

November 2020:

Power IC Shrinks Input Bulk Capacitor, Reduces Inrush Current, Power Integrations' MinE-CAP power IC

[For more details...](#)

Isolated IGBT/SiC MOSFET Gate Driver Benefits HEV/EV Applications, Texas Instruments' UCC5870-Q1 IGBT/SiC MOSFET gate driver

[For more details...](#)

80-V DC-DC Controllers Provide Extra Voltage Margin For Data Center, Telecom Applications, Renesas Electronics' ISL81801 and ISL81802 dc-dc controllers

[For more details...](#)

Automotive GaN FET Includes Driver, Protection And Active Power

Power ICs Article Archive (By Issue)

Management, Texas Instruments' LMG3522R030-Q1, LMG3525R030-Q1, LMG3422R050, LMG3425R050, LMG3422R030 and LMG3425R030 600-V and 650-V GaN FETs with integrated driver, protection and temperature reporting

[For more details...](#)

Modules Protect 5-V And Lower Designs From Overvoltage, Advanced Linear Devices' SABMBOVP family of overvoltage protection PCBs

[For more details...](#)

Automotive Gate Drivers Target 48-V Battery Systems, Allegro MicroSystems' AMT49100, AMT49101, AMT49502, A89503 and the A89500 three-phase and half-bridge gate drivers

[For more details...](#)

December 2020:

Automotive-Qualified High-Side Switch ICs With User-Definable Protection, ROHM's V2HD045EFU-C, BV2HC045EFU-C and BV2HD070EFU-C two-channel high-side switch ICs

[For more details...](#)

Buck Regulators Deliver High Efficiency, Small Size For USB-PD Applications, Silanna Semiconductor's SZPL3102A/3103A dc-dc converters

[For more details...](#)

Low-Noise Buck Converters With Ferrite-Bead Compensation Eliminate LDOs, Texas Instruments' TPS62912 and TPS62913 switching regulators

[For more details...](#)

LED Drivers Come In DFN With Side-Wettable Flanks, Nexperia's NCR32xPAS/NCR42xPAS LED driver ICs

[For more details...](#)

January 2019:

Receiver Chip Enables Wireless Charging In Smaller Devices, Energous' DA2223 four-port RF-to-dc wireless power chip

[For more details...](#)

Energy-Harvesting Embedded Controller May Eliminate Batteries In IoT Devices, Renesas' R7F0E embedded controller

[For more details...](#)

February 2019:

Power ICs Article Archive (By Issue)

Buck Regulators Deliver Compact Solutions For Powering Next-Gen Chipsets, Alpha and Omega Semiconductor's AOZ2367QI and AOZ2368QI EZBuck regulators

[For more details...](#)

March 2019:

SiC-MOSFET Gate Driver Improves Efficiency And Safety, Power Integrations' SIC1182K SCALE-iDriver SiC-MOSFET gate driver

[For more details...](#)

PMIC Supports Thermal Energy Harvesting With Low-Voltage Startup, e-peas' AEM20940 power management IC

[For more details...](#)

April 2019:

6-A Buck Converter Achieves Tiny Size, High Efficiency Using Novel Architecture, Murata Manufacturing's MYMGA1R86RELC2RA dc-dc converter

[For more details...](#)

Gate Driver Uses AI To Bring Soft Switching Benefits To Inverters, Pre-Switch's 3-phase gate-drive solution

[For more details...](#)

Chipset Makes Flybacks More Efficient In Powering Displays, Power Integrations' InnoMux chipset

[For more details...](#)

Regulator Uses Less Power, Fewer Parts Than Conventional Cap-Drop Designs, Texas Instruments' TPS7A78 ac-dc linear regulator

[For more details...](#)

PMBus Power Modules Deliver High Power Density For FPGAs, DSPs, ASICs And Memory, Renesas Electronics' ISL8280M and ISL8282M hybrid digital dc-dc PMBus power modules

[For more details...](#)

1000-A Voltage Regulator Solution For Next-Gen AI And 5G Networking, Infineon Technologies' XDPE132G5C digital PWM multiphase controller and TDA21475 70-A power stage

[For more details...](#)

Power ICs Article Archive (By Issue)

Regulated LED Driver For Automotive Applications, Taiwan Semiconductor's TSCR421 low-side constant-current regulator

[For more details...](#)

Isolated ICs Ensure Precise Current And Voltage Measurements, Silicon Labs' Si89xx family of isolated analog amplifiers, voltage sensors and delta-sigma modulator devices

[For more details...](#)

May 2019:

AC-DC Converter ICs Add Built-In 1700-V SiC MOSFET For More Compact Designs, ROHM Semiconductor's BM2SCQ12xT-LBZ series ac-dc converter ICs

[For more details...](#)

Rad-Tolerant PWM Controller And GaN FET Driver Come In Plastic Packages For SmallSats, Renesas Electronics' ISL71043M PWM controller and ISL71040M GaN FET driver

[For more details...](#)

Fully Integrated Active Clamp Flyback Controller Extends Benefits To 60-W AC Adapters, Silanna Semiconductor's SZ1105 active-clamp flyback controller

[For more details...](#)

Isolated Gate Drivers Integrate Sensing For IGBTs And SiC MOSFETs, Texas Instruments' UCC21710-Q1, UCC21732-Q1 and UCC21750 isolated gate drivers

[For more details...](#)

June 2019:

Programmable Multi-Channel LDO Packs High PSRR And Low Noise For Powering Smart Phone Cameras, Dialog Semiconductor's SLG51000 configurable mixed-signal integrated circuit

[For more details...](#)

Smart Class D Amplifier Delivers Louder, Richer Sound From Micro Speakers, Maxim Integrated Products' MAX98390 smart amplifier

[For more details...](#)

Six-Channel Controller Improves Precision And Performance For Stepper Motors, TRINAMIC Motion Control's TMCM-6214 motor controller and driver module

[For more details...](#)

July 2019:

Power ICs Article Archive (By Issue)

80-V Buck LED Drivers Perform Highly Accurate Dimming, Infineon Technologies' ILD8150/E LED driver ICs

[For more details...](#)

Switching Regulator Operates With Input Up To 61 V, STMicroelectronics' A7987 automotive switching regulator

[For more details...](#)

August 2019:

Offline Switcher ICs Adopt GaN For Higher Power Output And Efficiency, Power Integrations' INN3X79C and INN3X70C offline switcher ICs

[For more details...](#)

15-Mbps Photocouplers Withstand Harsh Industrial Applications, Renesas' RV1S9x60A photocouplers

[For more details...](#)

Regulator's Low Quiescent Current Extends Battery Life For IoT Devices, Texas Instruments' TPS62840 synchronous stepdown converter

[For more details...](#)

Configurable Mixed-Signal ICs Are Now Available For Automotive Applications, Dialog Semiconductor's SLG46620-A Configurable Mixed-Signal IC

[For more details...](#)

September 2019:

Battery Management IC Maximizes Cell Life And Driving Range For Hybrids And EVs, Renesas Electronics' ISL78714 Li-ion battery management IC

[For more details...](#)

Buck-Boost Converter Extends Battery Life For IoT, Wearable, And Portable Devices, ROHM's BD83070GWL synchronous buck-boost converter IC

[For more details...](#)

X-Capacitor Discharge ICs Enable Faster Discharge, Power Integrations' CAPZero-3 X-capacitor discharge ICs

[For more details...](#)

Charger's Low Termination Current Increases Battery Capacity, Texas Instruments' BQ25619 switching battery charger IC

[For more details...](#)

Power ICs Article Archive (By Issue)

ICs Simplify USB Type-C Power Delivery, Enable HostFlexing And PDBalancing, Microchip Technology's USB705x SmartHub devices with support for power delivery and UPD301A USB type-C PD controller

[For more details...](#)

Power Amplifier IC Delivers High Voltage And High Current, Apex Microtechnology's PA164 high-voltage operational amplifier

[For more details...](#)

October 2019:

Backlight LED Driver Is Compatible With 3- To 12-in. Vehicle LCD Panels, ROHM Semiconductor's BD81A76EFV-M LED driver IC

[For more details...](#)

Silent Motor Controller Enables Battery-Powered Stepper Motors To Run in Stealth Mode, TRINAMIC's TMC2300 motor driver IC

[For more details...](#)

POLs Increase Efficiency For Server, Networking And Telecom Applications, Infineon Technologies' OptiMOS IR3826(A)M integrated point-of-load regulators

[For more details...](#)

Tiny LDO Cuts Quiescent Current To <25 nA, Texas Instruments' TPS7A02 low-power low-dropout regulator

[For more details...](#)

November 2019:

PoE Products Ease Powering Of Pre-standard And 802.3bt-2018-Compliant PDs, Microchip Technology's IEEE 802.3bt-2018-compliant PoE injectors and midspans and power sourcing equipment (PSE) chipsets including the PD69208M, PD69204T4 and PD69208T4 PSE managers and PD69210 PoE controller

[For more details...](#)

LED Drivers Support Dynamic Automotive Lighting From Front To Rear, Texas Instruments' TPS92520-Q1, TPS92682-Q1 and TPS929120-Q1 LED drivers

[For more details...](#)

January 2018:

Dual-Mode Battery Charge ICs Enable Simultaneous USB PD And Wireless Charging, ROHM's BD99954GW/MWV dual-input boost-buck charging ICs

[For more details...](#)

Power ICs Article Archive (By Issue)

February 2018:

Rad-Hard GaN Devices Propel Space Power Supplies To Higher Performance, Renesas Electronics' ISL7002xSEH GaN FETs and ISL70040SEH GaN FET driver

[For more details...](#)

Fully Integrated Regulators Have PMBUS, SVID And PVID Functionality, Infineon Technologies' IR38x63/5 integrated point-of-load regulators

[For more details...](#)

Buck Regulator Delivers High Current With High Power Density For 24-V Inputs, Vicor's PI3325-00-LGIZ Cool-Power ZVS buck regulator

[For more details...](#)

March 2018:

Dynamically Configurable Offline Switcher IC Supports USB PD 3.0 + PPS, Power Integrations' InnoSwitch3-Pro configurable flyback switcher ICs

[For more details...](#)

DC-DC Converter Runs Up To 10 Years On Coin-Cell Battery, ROHM Semiconductor's BD70522GUL dc-dc converter IC

[For more details...](#)

GaN Power ICs Make Adapters Smaller, Support Fast Charging, Navitas Semiconductor's 27-W and 65-W USB-PD reference designs

[For more details...](#)

Feature Rich PoE Chips Power IP Cameras And Other IoT Applications, Silicon Labs' Si3406x and Si3404 PoE powered device ICs

[For more details...](#)

April 2018:

4-V to 42-V Input Buck Regulators Occupy 2.6-mm x 3.0-mm Footprint, Maxim Integrated Products' MAXM17532 and MAXM15462 dc-dc power modules

[For more details...](#)

PWM Controller-MOSFETs Combo Enables Robust SMPS Designs Up To 43 W, Infineon Technologies' CoolSET

[For more details...](#)

Power ICs Article Archive (By Issue)

Stepup Power Module Supports 48-V GPUs In Legacy 12-V Data Centers,
Vicor's 2317 NBM power module

[For more details...](#)

LDO Packs High Performance In Tiny Footprint,
STMicroelectronics' STLQ020 low-dropout voltage regulator

[For more details...](#)

May 2018:

Power Supply ICs Are Honed For High-Fidelity Audio, ROHM Semiconductor's
BD372xx series linear regulators

[For more details...](#)

PMICs Boast Better Efficiency And Solution Size For Powering Processors,
Renesas Electronics' ISL91302B, ISL91301A and ISL91301B power management ICs

[For more details...](#)

USB Type-C Data Line Protection IC Responds To Overvoltages In 15 ns,
Kinetic Technologies' KTU1101 USB type-C port protector

[For more details...](#)

400-V Linear Regulators Deliver Constant LED Current In Compact Packages,
Diodes' AL5890 linear constant-current regulator

[For more details...](#)

"Deep Sleep" Load Switch Prevents Battery Discharge During Product Shipment,
GLF Integrated Power's GLF76321 IQSmart load switch IC

[For more details...](#)

June 2018:

LDOs Boast 98-dB PSRR, Benefitting Imaging And Wireless Applications,
ON Semiconductor's NCP16x and NCV816x series LDOs

[For more details...](#)

Bidirectional Bus Converters Deliver 750 W For Data Center, Automotive Apps,
Vicor's 2317 NBM, a bidirectional nonisolated fixed-ratio converter

[For more details...](#)

July 2018:

Power ICs Article Archive (By Issue)

Dual-Core Digital Signal Controller Eases Code Development By Separate Design Teams, Microchip Technology's dsPIC33CH digital signal controller

[For more details...](#)

Gate Driver Core Is Optimized For SiC MOSFET Modules, AgileSwitch's ASC1 SiC MOSFET gate driver core

[For more details...](#)

August 2018:

EMI-Compliant Buck Converters Speed Time To Market, Maxim Integrated Products' CISPR 22- and EN 55022-compliant Himalaya stepdown converters and power modules

[For more details...](#)

Resonant Controller With PFC Targets Power Supplies And LED Drivers, Infineon Technologies' ICL5102 resonant controller IC

[For more details...](#)

September 2018:

Half-Bridge Gate Driver IC Enhances Reliable Start-Up Operation, Infineon Technologies' IRS2007S 200-V half-bridge gate-driver IC

[For more details...](#)

PMICs Power Next-Generation Mobile Consumer Applications, Maxim Integrated Products' MAX77714 and MAX77752 power-management ICs

[For more details...](#)

Power Monitoring IC Measures AC And DC Power With High Accuracy, Microchip Technology's MCP39F511A dual-mode power monitoring IC

[For more details...](#)

48-V Input Buck Regulators Offer BGA Option, Vicor's PI354x-00-BGIZ Cool-Power ZVS buck regulator

[For more details...](#)

October 2018:

Half H-Bridge Module Combines SiC MOSFETs with Integrated Gate Drive, Apex Microtechnology's SA110 SiC half H-bridge module

[For more details...](#)

Power ICs Article Archive (By Issue)

Buck Converters Support Sensors And Cameras For Assisted Driving, ROHM Semiconductor's BD9S series automotive synchronous buck converters
[For more details...](#)

Buck-Boost Controllers Deliver True Bidirectional Power Conversion For Industrial Battery-Powered Applications, Renesas Electronics' ISL81601 and ISL81401 bidirectional four-switch synchronous buck-boost controllers
[For more details...](#)

Smart Switch Supports Fuel Savings In Automotive Power Trains, Infineon Technology's TLE9104SH smart quad-channel powertrain switch
[For more details...](#)

USB Type-C And USB Power Delivery Controllers Have Fully Integrated Power Paths, Texas Instruments' TPS65987D and TPS65988 USB Type-C and USB PD controllers
[For more details...](#)

Digital Signal Controller Accelerates DSP Performance for Time-Critical Control Applications, Microchip Technology's dsPIC33CK digital signal controllers
[For more details...](#)

November 2018:

600-V GaN FET Power Stages Boost Performance For Applications Up To 10 kW, Texas Instruments' LMG34x family of 600-V GaN power stages
[For more details...](#)

Automotive Buck-Boost Chipset Meets Demands Of Start-Stop Vehicle Systems, Rohm's BD8P250MUF-C + BD90302NUF-C buck-boost chipset
[For more details...](#)

Rad Hard Current Sources For Sensing Subsystems In Satellites, Renesas Electronics' ISL70591SEH and ISL70592SEH rad hard current sources
[For more details...](#)

Flyback Switcher ICs Bring High Efficiency To Three-Phase 480-V Industrial Applications, Power Integrations' LinkSwitch-XT2 offline switcher ICs
[For more details...](#)

LDO's Miserly Iq Prolongs Battery Life While 1-mm² Footprint Saves Space, Microchip Technology's MCP1811 linear low dropout regulator (LDO)
[For more details...](#)

Power ICs Article Archive (By Issue)

December 2018:

BLDC Motor Driver Eliminates Heatsinks, Slashes Certification Time For Appliance Designs, Power Integrations' BridgeSwitch half-bridge motor driver IC family [For more details...](#)

Buck/Boost Regulator Simplifies Power Backup Using Supercaps, Maxim Integrated's MAX38888 reversible buck/boost regulator [For more details...](#)

Half-Bridge Drivers Enhance Design Of 12-V to 48-V Automotive Hybrid Powertrains, Renesas Electronics' ISL784x4 100-V half-bridge drivers [For more details...](#)

Isolated High-Side Power Switch Offers SPI And Many Other Features, STMicroelectronics' ISO8200AQ isolated octal high-side smart power switch [For more details...](#)

ORing FET Controller Protects Automotive Electrical Systems, Maxim Integrated's MAX16141 36-V ORing FET controller [For more details...](#)

January 2017:

Power IC Model Library For PSpice Adds Automotive Test, From EMA Design Automation, ver.4.2 of AEi Systems' Power IC Model Library [For more details...](#)

February 2017:

GaN Power ICs Enter The Market, Navitas Semiconductor's NV6131, NV6105 and NV6115 iDrive Gallium Nitride power ICs [For more details...](#)

Battery Charger Extends Backup Battery Life In Automotive eCall Systems, Intersil's ISL78693 3.6-V battery charger IC [For more details...](#)

Motor Driver IC Requires Only Four External Components, Allegro MicroSystems Europe's A3916 motor driver IC [For more details...](#)

Power ICs Article Archive (By Issue)

Intelligent Power Modules Offer More Packages, More Features For Appliances, STMicroelectronics' SLLIMM nano series of Intelligent Power Modules for motor drives

[For more details...](#)

March 2017:

Inductorless Converter Delivers 10 A With Over 98% Efficiency, Dialog Semiconductor's DA9313 switched-capacitor dc-dc converter

[For more details...](#)

48-V Buck Regulator Delivers 20 A In Less Than 740-mm² Footprint, Vicor's PI3525-00-LGIZ 48-V Cool-Power ZVS buck regulator

[For more details...](#)

April 2017:

Buck-Boost Controller Is Tailored To Dual Automotive Battery Systems, Texas Instruments' LM5170-Q1 multiphase bidirectional dc-dc current controller.

[For more details...](#)

Power IC Combines Fifth-Gen Flyback Controller With Latest MOSFETs, Infineon Technologies's Gen5 CoolSET power ICs

[For more details...](#)

May 2017:

Buck Converter Optimizes DC Fan Motor Control For Refrigerators, Rohm's BD9227F buck converter for dc fan motors

[For more details...](#)

100-V Power Stage Module Satisfies Cloud Infrastructure Requirements, ON Semiconductor's FDMF8811 100-V bridge power stage module

[For more details...](#)

10-A Power Modules Provide Complete Stepdown Solutions In Tiny Footprints, Texas Instruments' TPSM84A21 and TPSM84A22 stepdown power modules

[For more details...](#)

PMIC Increases Power Efficiency For Digital SLR Cameras, Dialog Semiconductor's DA6102 integrated power management IC

[For more details...](#)

Power ICs Article Archive (By Issue)

LED Driver ICs Combine High Efficiency, Small Size, Peregrine
Semiconductor's ARC3C family of LED driver ICs

[For more details...](#)

June 2017:

A New Power Management Tool For Portable Product Designers, Silego
Technology's SLG46580 GreenPAK programmable mixed-signal IC

[For more details...](#)

Power Management IC Is 91% Efficient, Reduces Space Needs 40%, Intersil's
ISL91211 PMIC

[For more details...](#)

Stepdown Converters Cut Power Dissipation And Size For Industrial
Applications, Maxim Integrated's MAX17572 and MAX17574 Himalaya
synchronous stepdown dc-dc converters

[For more details...](#)

Synchronous Rectifier Controller Eases Power System Design, ON
Semiconductor's FAN6248 synchronous rectifier controller for LLC resonant
converters

[For more details...](#)

July 2017:

GaN Power ICs Enable Smallest Power Adapters For Ultra-Thin TVs And
Laptops, Navitas Semiconductor's 150-W ac-dc reference design using GaN power
ICs

[For more details...](#)

August 2017:

PMICs Increase Battery Life In "Hearables", Maxim
Integrated's MAX77650/MAX77651 power management ICs (PMICs)

[For more details...](#)

Smart Gate Driver Photocoupler Features Improved Desaturation Sensing,
Toshiba America Electronic Components' TLP5214A smart gate driver photocoupler

[For more details...](#)

Power ICs Article Archive (By Issue)

September 2017:

Offline Flyback Switcher ICs Deliver 94% Efficiency Over Line And Load, Power Integrations' InnoSwitch3 family of offline flyback switcher ICs

[For more details...](#)

October 2017:

Power Amplifier ICs Deliver High Voltage, High Output Current In Compact Package, Apex Microtechnology's PA164 and PA165 power amplifiers

[For more details...](#)

Buck Converter IC Delivers Extreme Voltage Stepdown For Mild Hybrid Vehicles, ROHM Semiconductor's BD9V100MUF-C dc-dc converter IC

[For more details...](#)

IC Boosts Power Measurement Accuracy In Windows 10 Devices, Microchip Technology's PAC1934 power and energy monitoring chip

[For more details...](#)

40-A Buck Converter Chip Features Novel Control Topology, Texas Instruments' TPS543C20 synchronous buck converter IC

[For more details...](#)

November 2017:

Power ICs Offer Many Options For Expanded Power Delivery Via USB Type C

- *USB-C Buck-Boost Regulator Enables Bidirectional Voltage Regulation For Tablets, Ultrabooks And Power Banks, Intersil's ISL95338 USB-C buck-boost regulator*
- *Reference Design Simplifies Development Of USB Type-C Rechargeable Battery Packs, Silicon Labs' USB type-C rechargeable battery pack reference design*
- *Buck-Boost Battery Charge Controllers Maximize Input Power For 1S To 4S Applications, Texas Instruments' bq25703A and bq25700A synchronous charge controllers*
- *Eval Boards Ease Development Of USB PD Applications From Mobile To 100 W, Rohm's USB power delivery (USBPD) compatible transmitter/receiver evaluation boards*

Power ICs Article Archive (By Issue)

- *Robust USB Type-C Controllers With Internal Protection Save Space And Enhance Safety, STMicroelectronics' STUSB4710 and STUSB1602 USB Type-C-certified port-controller ICs*
- *USB-PD Interface IC Is Optimized For Power Supplies, Dialog Semiconductor's iW656 state-machine-based USB Power Delivery interface IC*
- *Power Converter ICs Complete Smartphone Direct Charging Solution, Dialog Semiconductor's DA9318 series of power converter ICs (can be combined with the iW656 listed above)*
- *18-W USB PD Reference Design Delivers High Efficiency And Compact Footprint, Power Integrations' DER-567 USB PD compliant, ac-dc power converter reference design*
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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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[For more details...](#)

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