

# fan controllers

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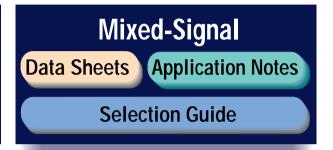


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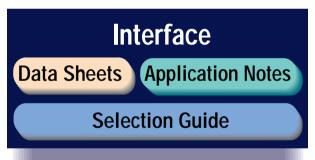
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## Power Management

TC55 Low Dropout Positive Voltage Regulator CMOS Current Mode PWM Controller

TC426/427/428 1.5A Dual High-Speed Power MOSFET Drivers
TC429 6A Single High-Speed, CMOS Power MOSFET Driver
TC660 100mA Charge Pump DC-To-DC Voltage Converter

TC682 Inverting Voltage Doubler

TC962 High Current Charge Pump DC-To-DC Converter

TC1014 50mA CMOS LDO With Shutdown And Reference Bypass 100mA CMOS LDO With Shutdown And Reference Bypass

TC1044S Charge Pump DC-To-DC Voltage Converter

TC1054 50mÅ CMOS LDO With Shutdown And ERROR Output 100mA CMOS LDO With Shutdown And ERROR Output

TC1070 50mA Adjustable CMOS LDO With Shutdown TC1071 100mA Adjustable CMOS LDO With Shutdown

TC1072 50mA CMOS LDO With Shutdown, ERROR Output And Vref Bypass TC1073 100mA CMOS LDO With Shutdown, ERROR Output And Vref Bypass

TC1107 300mA CMOS LDO With Shutdown And Vref Bypass

TC1108 300mA CMOS LDO

TC1121 100mA Charge Pump Voltage Converter With Shutdown

TC1173 300mA CMOS LDO With Shutdown, ERROR Output, And Bypass TC1174 300mA Adjustable CMOS LDO With Shutdown And Vref Bypass TC1185 150mA CMOS LDO With Shutdown And Reference Bypass TC1186 150mA CMOS LDO With Shutdown And ERROR Output

TC1187 150mA Adjustable CMOS LDO With Shutdown

TC1223 50mA CMOS LDO with Shutdown
TC1224 100mA CMOS LDO with Shutdown
TC1410/1410N 0.5A High-Speed MOSFET Drivers
TC1411/1411N 1A High-Speed MOSFET Drivers
TC1412/1412N 2A High-Speed MOSFET Drivers
TC1413/1413N 3A High-Speed MOSFET Drivers
TC1426/1427/1428 1.2A Dual High-Speed MOSFET Drivers

TC1426/1427/1428
1.2A Dual High-Speed MOSFET Drivers
TC18C43/28C43/38C43
BiCMOS Current Mode PWM Controllers
CMOS Current Mode PWM Controller

TC25C25/35C25 BiCMOS PWM Controllers

TC4403 1.5A HIgh-Speed, Floating Load Driver TC4404/4405 1.5A Dual Open-Drain MOSFET Drivers TC4420/4429 6A High-Speed MOSFET Drivers TC4421/4422 9A High-Speed MOSFET Drivers

TC4423/4424/4425
TC4426/4427/4428

3A Dual High-Speed Power MOSFET Drivers
1.5A Dual High-Speed Power MOSFET Drivers
1.5A Dual High-Speed Power MOSFET Drivers
1.5A Dual High-Speed Power MOSFET Drivers

TC4431/4432 1.5A High-Speed 30V MOSFET Drivers Logic-Input CMOS Quad Drivers

TC4626/4627 Power CMOS Drivers With Voltage Tripler

TC7106/7106A/7101/7107A 3-1/2 Digit AD Converters

TC7109/109A 12-Bit  $\mu$ P-Compatible Analog-To-Digital Converters TC7116/7116A/71177A 3-1/2 Digit Analog-To- Digital Converters With Hold

TC7126/7126A 3-1/2 Digit Analog-To-Digital Converters

TC7129 4-1/2 Digit Analog-To-Digital Converter With On-Chip LCD Drivers

TC7135 4-1/2 Digit Analog-to-Digital Converter

TC7136/7136A Low Power, 3-1/2 Digit Analog-To-Digital Converters

TC7660 Charge Pump DC-To-DC Voltage Converter

TC7660H High Frequency 7660 DC-To-DC Voltage Converter Super Charge Pump DC-To-DC Voltage Converter

TC7662A Charge Pump DC-to-DC Converter

TC7662B Charge Pump DC-To-DC Voltage Converter 3A Output Programmable Power Oscillator

TCL1117 800mA Low Dropout Positive Regulators Adjustable and Fixed 2.85V, 3.30V, 5.00V

TCL1585/1587 4.6A/3A, Fast Response, Low Dropout Positive Linear Voltage Regulators

TCM680 +5V To +10V Voltage Converter

TCM828/829 Switched Capacitor Voltage Converters TCM850/851/852/853 Regulated GaAs FET Bias Supply

TCN4040/4041 Precision Micropower Shunt Voltage Reference



# Thermal Management

TC02/03	Precision <sup>-</sup>	Temperature-to-\	Voltage Converters
		• • • • • • • • • • • • • • • • • • •	. /

TC07 3V Logic Output Temperature Sensor With Programmable Hysteresis

TC620/621 5V, Dual Trip Point Temperature Sensors

TC622/624 Low Cost Single Trip Point Temperature Sensor

TC623 3V, Dual Trip Point Temperature Sensor

TC626 Temperature Limit Switch

TC642 PWM Fan Speed Controller With Fault Detection

TC643 Integrated Fan/Motor Driver

TC646 Fan Speed Controller With Auto-Shutdown

TC648 Fan Speed Controller With Auto-Shutdown

TC1023/1024 Precision Temperature-To-Voltage Converters With Shutdown Mode

TC1132/1133 Consumer Grade Temperature-To-Voltage Converters

TCN75 2-Wire Serial Temperature Sensor and Thermal Monitor



# Mixed-Signal

LM285/285B/385/385B Low Power, Band-Gap Voltage References
TC04A/04B/05A/05B Low Power, Band-Gap Voltage References

TC500/500A/510/514 Precision Analog Front End

TC520A Serial Interface Adapter For TC500 A/D Converter Family

TC530/534 5V Precision Data Acquisition Subsystems

TC811 3-1/2 Digit Analog-To-Digital Converter With Hold And Differential Reference Inputs

TC815 3-1/2 Digit Auto-Ranging A/D Converter With Triplex LCD Drive And

Display Hold Function

TC818A Auto-Ranging Analog-to-Digital Converter with 3-1/2 Digit Display
TC820 3-3/4 Digit A/D Converter With Frequency Counter And Logic Probe

TC826 A/D Converter With Bar Graph Display Output

TC835 Personal Computer Data Acquisition A/D Converter

TC850 15-Bit, Fast-Integrating CMOS Analog-To-Digital Converter

TC901 Auto-Zeroed Operational Amplifier

TC911A/911B Auto-Zeroed Monolithic Operational Amplifiers

TC913A/913B Dual Auto-Zeroed Operational Amplifiers
TC1433/1433A 3-1/2 Digit Analog-To-Digital Converters
TC7650 Chopper-Stabilized Operational Amplifier

TC7652 Low Noise, Chopper-Stabilized Operational Amplifier

TC8129 4-3/4 Digit Autoranging DMM ADC

TC9400/9401/9402 Voltage-To-Frequency/Frequency-To-Voltage Converters

TC9491A/TC9491B Low Power, Band-Gap Voltage References



# System Management

TC32M Economonitor™ 3-Pin System Supervisor With Power Supply Monitor And Watchdog

TC54 Voltage Detector

TC70/71 Micromaster™ - System Supervisor With Power Supply Monitor, Watchdog and Battery Backup

TC1232 Microprocessor Monitor

TCM809/810 3-Pin µP Reset Monitors



#### Interface

TC232 Dual RS-232 Transmitter/Receiver And Power Supply

TC7211AM Bus Compatible 4-Digit Decoder/Driver



## Application Notes

**Power Management** 

**Thermal Management** 

Mixed-Signal

**System Management** 

Interface

#### TelCom Semiconductor, Inc.

# Power Management

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TelCom Semiconductor, Inc.

# Thermal Management

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# Mixed-Signal

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# System Management

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#### Interface

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#### Evaluation Kits

#### Mixed Signal

TC500EV Evaluation System For TC5xx A/D Converters
TC530EV Evaluation System For TC53x A/D Converters

#### **Power Management**

TCM850EV Evaluation Kit For TCM850/1/2/3
TC1015EV TC1015 Evaluation Kit Manual
TC7660EV Charge Pump Evaluation Kit

#### Thermal Management

TC642EV Evaluation Kit For TC642/TC646/648 BDC Fan Controllers

TCN75EV Evaluation Kit For TCN75 2-Wire Serial Temperature Sensor And Thermal Monitor



# White Papers

Cost Effective, A/D Converter Family for Portable Measurement Applications

"Get Pumped" with TelCom's DC-DC Charge Pump Converters

Intelligent Thermal Management Using Brushless DC Fans

New Processor Supervisors Offer High Functional Integration And Small Size



# Packaging

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