

## 12 Channel 16 Bit Enhanced Spec Pwm Rgb Led Driver W

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### 12 Channel 16 Bit Enhanced

The TLC5971 device is a 12-channel, constant-PWM: current sink driver. Each output channel has 16-Bit (65536 Steps) individually adjustable currents with 65536 PWM • Global Brightness Control (BC): grayscale (GS) steps. Also, each color group can be 7-Bit (128 Steps) for Each Color Group controlled by 128 constant-current sink steps with the

### TLC5971 12-Channel, 16-Bit, Enhanced Spectrum, PWM, RGB ...

Spectrum PWM: The TLC59711 is a 12-channel, constant-current sink 16-bit (65536 steps) driver. Each output channel has individually adjustable currents with 65536 PWM grayscale (GS) • Global Brightness Control (BC): steps. Also, each color group can be controlled by 7-bit (128 steps) for each color group 128 constant-current sink steps with the global

### 12-Channel, 16-Bit, Enhanced Spectrum PWM, RGB, LED Driver ...

TLC5971 12-Channel, 16-Bit ES-PWM RGB LED Driver With 3.3V Linear Regulator The TLC5971 is a 12-channel, constant-current sink driver. Each output channel has individually adjustable currents with 65536 PWM grayscale . 12-Channel, 16-Bit, Enhanced Spectrum, PWM, RGB, LED Driver with 3.3-V Linear Regulator.

### TLC5971 datasheet - 12-Channel, 16-Bit ES-PWM RGB LED ...

This is an enhanced version available with higher sample rates, larger buffers, buffered analog outputs, etc. The PMC66-ADADIO2 is a single-width PMC module which contains eight 16-Bit A/D converters, four 16-bit D/A converters, and all supporting functions necessary for adding flexible analog I/O capability to a PCI host.

### ADADIO2: 12-Channel 16-Bit Analog I/O PMC With 8 ...

Spectrum PWM: The TLC5971 is a 12-channel, constant-current sink 16-bit (65536 steps) driver. Each output channel has individually adjustable currents with 65536 PWM grayscale (GS) • Global Brightness Control (BC): steps. Also, each color group can be controlled by 7-bit (128 steps) 128 constant-current sink steps with the global • Power-Supply Voltage Range: brightness control (BC) function. GS control and BC

### 12-Channel, 16-Bit, Enhanced Spec, PWM, RGB LED Driver w ...

TLC5971PWPR 12-Channel, 16-Bit ES-PWM RGB LED Driver With 3.3V Linear Regulator The TLC5971 is a 12-channel, constant-current sink driver. Each output channel has individually adjustable currents with 65536 PWM grayscale . 12-Channel, 16-Bit, Enhanced Spectrum, PWM, RGB, LED Driver with 3.3-V Linear Regulator.

### TLC5971PWPR datasheet - 12-Channel, 16-Bit ES-PWM RGB LED ...

This chip can control 12 separate channels of 16-bit PWM output. This is the highest-resolution PWM board we've seen! Designed (and ideal) for precision LED control, this board is not good for driving servos. If you need to drive servos, we have a controller for that over here.

### Adafruit 12-Channel 16-bit PWM LED Driver - SPI Interface ...

[Old version datasheet] 12-Channel 16-Bit, Enhanced Spectrum PWM, RGB LED Driver with 3.3-V Linear Regulator: TLC5973 [Old version datasheet] TLC5973 3-Channel, 12-Bit, PWM Constant-Current LED Driver with Single-Wire Interface (EasySet) TLC59711

### TLC59731 Datasheet, PDF - Alldatasheet

The AD7490-EP is a 12-bit high speed, low power, 16-channel, successive approximation ADC. The part operates from a single 4.75 V to 5.25 V power supply and features throughput rates up to 1 MSPS. The part contains a low noise, wide bandwidth track- and- hold amplifier that can handle input frequencies in excess of 1 MHz.

### 16-Channel, 1 MSPS, 12-Bit ADC with Sequencer in 28-Lead ...

GENERAL DESCRIPTION The AD7490 is a 12-bit high speed, low power, 16-channel, successive approximation ADC. The part operates from a single 2.7 V to 5.25 V power supply and features throughput rates up to 1 MSPS. The part contains a low noise, wide bandwidth track-and-hold amplifier that can handle input frequencies in excess of 1 MHz.

### AD7490 16-Channel, 1 MSPS, 12-Bit ADC with Sequencer in 28 ...

The MC9S12A256CPVE is a 16-bit Microcontroller based on enhanced HCS12 CPU with CISC architecture operates at a maximum frequency of 25MHz. The device incorporates 256kB internal flash, 12kB internal RAM, 4kB EEPROM, 8-channel 10-bit A/D converter and 91 general-purpose I/O pins.

### MC9S12A256CPVE - NXP - MICROCONTROLLER MCU, 16 BIT, HCS12

The ICP2GANG(G3)-DPX Production Quality In-Circuit 4-channel (expandable to 64 channels) GANG programmer is a cost-effective programmer that operates with a PC or as a standalone unit and simultaneously programs 8-bit PIC® & AVR® MCUs, 16-bit PIC MCUs & dsPIC® DSCs, 32-bit PIC & ARM Cortex M0/0+/23/3/4/7 MCUs and Serial EEPROMs & Flash ICs.

### dsPIC33FJ128MC802 - 16-Bit - Microcontrollers and Digital ...

1 Pulse Density Modulation Interface (PDMIC) (supports up to two microphones) 12-bit ADC Module: One 8-channel ADC, 500 kSps Conversion Rate. 12-bit Resolution with Enhanced Mode up to 16 bits. Digital Averaging Function providing Enhanced Resolution Mode up to 16 bits.

### ATSAMG55 - 32-bit SAM Microcontrollers

This powerful automotive WiFi oscilloscope combines fast sampling up to 1 GSa/s with high resolutions of 12, 14 and 16 bit and a large memory of 64 Mpoints per channel with four differential channels. Additionally, the automotive WiFi oscilloscope supports continuous streaming measurements up to 200 MSa/s.

### ATS610004DW-XMSG | 1 GSa/s 12-bit 4 channel differential ...

14 bit (0.006 %) resolution (16 bit enhanced resolution) Up to 500 MSa/s sampling ... This powerful automotive WiFi oscilloscope combines fast sampling up to 1 GSa/s with high resolutions of 12, 14 and 16 bit and a large memory of 64 Mpoints per channel with four differential channels. ... 32

MSa per channel: 16 MSa per channel: 12, 14, 16 bit ...

**ATS605004DW-XMSG | 500 MSa/s 12-bit 4 channel differential ...**

purpose working registers, an 8-bit Timer/Counter with two PWM channels, a 16-bit timer/coun-ter with two PWM channels, Internal and External Interrupts, a 8-channel 10-bit ADC, programmable gain stage (1x, 20x) for 12 differential ADC channel pairs, a programmable

**8-bit**

The AD5673R/AD5677R are low power, 16-channel, 12-/16-bit, buffered voltage output, digital-to-analog converters (DACs) that include a 2.5 V, 2 ppm/°C internal reference (enabled by default), and a gain select pin, resulting in a full-scale output of 2.5 V (gain = 1) or 5 V (gain = 2).

**AD5677R Datasheet and Product Info | Analog Devices**

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Servo Driver HAT for Raspberry Pi, 16-Channel, 12-bit, I2C, Straight Pinheader. My Account; My Cart; Checkout; Select Your Currency. US Dollar \$ Australian Dollar AU\$ British Pound Sterling £ Canadian Dollar CA\$ Euro € Japanese Yen ¥ Login or create an account ...

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