

1 General Description Nxp Semiconductors

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1 General Description Nxp Semiconductors

NXP Semiconductors IEEE 802.15.4 and Bluetooth Low Energy 5.0 wireless MCU K32W061/K32W041 PIO1 4 IO GPIO1 [1] GPIO1 — General Purpose digital Input/Output 1

1. General description - NXP Semiconductors

1. General description NXP Semiconductors designed the LPC2468 microcontroller around a 16-bit/32-bit ARM7TDMI-S CPU core with real-time debug interfaces that include both JTAG and embedded trace. The LPC2468 has 512 kB of on-chip high-speed flash memory. This flash memory includes a special 128-bit wide memory interface and accelerator

1. General description - NXP Semiconductors

General description. NXP Semiconductors developed the MIFARE Ultralight Nano MF0UN(H)00 for use in a contactless smart ticket, smart card or token in combination with a Proximity Coupling Device (PCD). The MF0UN(H)00 is designed to work in an ISO/IEC 14443 Type A compliant environment (see Ref. 1). The target applications include single trip or limited use tickets in public transportation networks, loyalty cards or day passes for events.

1. General description - NXP Semiconductors

NXP Semiconductors 74LVC1G80 Single D-type flip-flop; positive-edge trigger 3. Ordering information Table 1. Ordering information 4. Marking Table 2. Marking codes [1] The pin 1 indicator is located on the lower left corner of the device, below the marking code. 5. Functional diagram Type number Package Temperature range Name Description Version

1. General description

1. General description ... The TJA1042 belongs to the third generation of high-speed CAN transceivers from NXP Semiconductors, offering significant improvements over first- and second-generation ... 2.1 General ISO 11898-2:2016 and SAE J2284-1 to SAE J2284-5 compliant

1. General description

NXP Semiconductors PCA9600 Dual bidirectional bus buffer 6. Pinning information 6.1 Pinning 6.2 Pin description Table 3. Pin description 7. Functional description Refer to Figure 1 "Block diagram of PCA9600". The PCA9600 has two identical buffers allowing buffering of SDA and SCL I 2C-bus signals.

1. General description

NXP Semiconductors TjF1052i Galvanically isolated high-speed CAN transceiver 7. Functional description 7.1 Operation 7.1.1 Normal mode During normal operation, the TjF1052i transceiver transmits and receives data via bus lines CANH and CANL (see Figure 1 for the block diagram). The differential receiver

1. General description - NXP Semiconductors

NXP Semiconductors PCA9685 16-channel, 12-bit PWM Fm+ I 2 C-bus LED controller The active LOW Output Enable input pin (OE) allows asynchronous control of the LED outputs and can be used to set all the outputs to a defined I 2 C-bus programmable logic

1. General description

General description NXP Semiconductors designed the LPC2478 microcontroller, powered by the ARM7TDMI-S core, to be a highly integrated microcontroller for a wide range of applications that require advanced communications and high quality graphic displays. The LPC2478 microcontroller has 512 kB of on-chip high-speed flash memory.

1. General description - NXP Semiconductors

General description NXP Semiconductors has developed NTAG203 - NFC Forum Type 2 Tag compliant IC - to be used with NFC enabled devices according to NFC Forum technical specifications (see Ref. 10 and Ref. 11), according to NFC Forum recommendations or Proximity Coupling Devices (PCD), according to ISO/IEC 14443A (see Ref. 1).

1. General description - Adafruit Industries

NXP Semiconductors TEA1733P GreenChip SMPS control IC Adjustable soft start operation Two protection inputs (e.g. for input UVP and OVP, OTP and output OVP) IC overtemperature protection 3. Applications All applications requiring efficient and cost-effective power supply solutions up to 75 W. 4. Ordering information Table 1.

1. General description - Datasheet catalog

NXP Semiconductors PCF8583 Clock and calendar with 240 x 8-bit RAM 6.2 Pin description Table 3. Pin description [1] The die paddle (exposed pad) is connected to VSS and should be electrically isolated. Symbol Pin Type Description DIP8 (PCF8583P) SO8 (PCF8583T) HVQFN20 (PCF8583BS) OSCI 1 1 2 input oscillator input, 50 Hz or event-pulse input

1. General description - Datasheet catalog

NXP Semiconductors 74LVC241A Octal buffer/line driver with 5 V tolerant inputs/outputs; 3-state [1] The minimum input voltage ratings may be exceeded if the input current ratings are observed.

1. General description - Datasheet catalog

1. General description. The TEA152x family STARplug is a Switched Mode Power Supply (SMPS) controller IC that operates directly from the rectified universal mains. It is implemented in the high-voltage EZ-HV SOI process, combined with a low-voltage Bipolar Complementary Metal-Oxide Semiconductor (BiCMOS) process.

1. General description - Datasheet catalog

1.1 General description NPN general-purpose transistors in a small SOT23 (TO-236AB) Surface-Mounted Device (SMD) plastic package.

2PD601ASL Datasheet(PDF) 1 Page - NXP Semiconductors

High-speed switching diodes, encapsulated in small Surface-Mounted Device (SMD)

BAV70T,115 NXP Semiconductors, BAV70T,115 Datasheet

Summary of Contents for NXP Semiconductors TDA8948J Page 1: General Description Product data sheet 1. General description The TDA8948J contains four identical audio power amplifiers.

NXP SEMICONDUCTORS TDA8948J PRODUCT DATA SHEET Pdf Download.

1.Product profile1.1 General descriptionGeneral-purpose Zener diodes in a SOD27 (SC-40) small hermetically sealed glasspackage.1.2 Features! Total power dissipation: Ptot ≤ 500 mW! Low differential resistance! Low leakage current! AEC-Q101 qualified datasheet search, datasheets, Datasheet search site for Electronic Components and Semiconductors, integrated circuits, diodes and other ...

NZX2V4A datasheet(1/12 Pages) NXP | Single Zener diodes

Summary of Contents for NXP Semiconductors TDA8944J Page 1: General Description 1. General description The TDA8944J is a dual-channel audio power amplifier with an output power of 2 × 7 W at an 8 Ω load and a 12 V supply.

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