

Photo-to-Electronic Module Suffix



AI Overview

Suffixes in photo-to-electronic module part numbers indicate specific features, output types, package styles, or other product variations. Purpose of Suffixes In photo-to-electronic modules such as photocouplers or photorelays, the suffix in the part number provides additional information beyond the base product identifier. This can include:

- Output type:** For example, a photorelay may have a triac or thyristor output, which is often indicated by a specific suffix in the part number.
- Package style:** Suffixes can denote the physical package or pin configuration of the device, helping designers select the correct form factor.
- Special features or compliance:** Some suffixes indicate compliance with standards (e.g., UL certification) or environmental specifications like lead-free or "Green" status.
- Manufacturer-specific identifiers:** Certain suffixes are used to differentiate between minor variations in performance, internal construction, or production batches.

Examples

Toshiba Photocouplers: In Toshiba's naming convention, the base part number (e.g., TLPxxxx) identifies the photocoupler, while the suffix specifies output type or package. For instance, a photorelay may use a suffix to indicate whether it has a triac output or a photorelay output.

Infineon Orderable Parts: Infineon uses descriptive identifiers as suffixes (e.g., FZ900R12KE4HOSA1). These extensions provide detailed product information such as minor revisions, packaging, or internal configuration differences that do not affect the main electrical characteristics.

How to Interpret

Identify the base part number: This represents the core device type.

Check the suffix: Refer to the manufacturer's datasheet or part number decoder to understand what each letter or number represents.

Confirm features: Ensure the suffix matches the required output type, package, or compliance for your application. Suffixes are manufacturer-specific, so always consult the datasheet or official part number guide to accurately interpret them. This ensures correct selection and avoids ordering incompatible modules.

Article Content

Infinion Technologies P Suffix

The difference between FF600R17ME4BOSA1 and FF600R17ME4PBOSA1 is the addition of the P suffix. The parts with the P suffix include Pre-applied Thermal Interface Material

Photosensor Modules Selection Guide: Types, Features, Applications ...

Selecting photosensor modules requires an analysis of performance specifications, output types, photosensor sensitivity, photosensor noise, and photosensor features. Performance specifications

Analog Devices ADHV4702-1 Suffix Information

When looking at ADHV4702-1 Precision Operation Amplifier from Analog Devices, there are extra suffixes added to the end of this part number. Information for these suffixes are not always

Espressif, "H" or "X" Suffixes: What Do These Call Out?

Espressif offers their popular ESP32 line of RF transceivers, as well as eval kits for them. When ordering these parts you might find them sporting

A Complete Guide to Optical Transceiver Nomenclature

At the PHY level, their main purpose is to define the electrical and optical characteristics used in signal transmission - things like optical power, link

TE Connectivity Deutsch connector suffix meaning

TE Connectivity Deutsch connector suffix meaning Interconnect Circular Connectors part-numbering, circular-connector-housings, te-connectivity

NJR Corporation's Front-End Modules

When looking at Front-End Modules from NJR Corporation, you may find the “-TE1” suffix on the end of some parts, such as NJG1159PHH-TE1. The TE1 just calls out tape and reel package.

US8710356B2

A photoelectric conversion module, for example, a dye-sensitized solar cell, for generating electrical energy from light is disclosed.

Practical Electronics/7400 Series/Labelling

74 and 54 Series ICs all have a code on the top of the carrier body. This can be printed (usually in white) or etched. It consists of a "core" code which identifies the IC's function, and the type

PHOTOELECTRIC CONVERSION ELEMENT, DEVICE, AND

Other than the above-listed examples, a power supply containing the photoelectric conversion element of the present disclosure can be used in mobile phones, electric organizers, and

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What is a camera module ? components, application

What is a camera module A camera module is a small electrical gadget that combines different parts needed for taking and editing photos and

PHOTOELECTRIC CONVERSION ELEMENT, PHOTOELECTRIC

An electron-transporting layer 4 is formed on the first electrode 2, and a photosensitizing compound 5 is adsorbed on a surface of an electron-transporting material constituting the electron-transporting layer 4.

PHOTOAM | Electrophotographic powder application

Since powder transport with an electrophotographic powder application module (EPAMO) is based on the attraction of electrostatic charge, this mechanism is

Qorvo suffix of SR and TR7 difference?

The difference with the SR is this would be a small reel of 100 pieces. The TR7 is the 2,500 piece reel.

Rohm Zener Diode Part Numbering & Suffix Codes

Rohm Zener Diode Part Numbering & Suffix Codes Semiconductor Discrete Semiconductor Products diodes, rohm-semiconductor, part-numbering

ON Semiconductor Prefix and Suffix Call-Outs

Both LM393DR2GH and LM393DR2G are halide-free and are functionally identical but LM393DR2G H has "H" suffix to highlight the intention of the part to be extra green and

onsemi Device Nomenclature

This document contains the device nomenclature breakdown (also referred to as the part number decoder, product naming convention, or part naming convention) for onsemi orderable devices.

252 Electronic Module Stock Photos, High-Res Pictures, and Images ...

Explore Authentic Electronic Module Stock Photos & Images For Your Project Or Campaign. Less Searching, More Finding With Getty Images.

List of file formats

This is a list of computer file formats, categorized by domain. Some formats are listed under multiple categories. Most of the file endings are traditionally written lower case (example: .png) Each format is

ON Semiconductor Device Nomenclature Reference

• CS = Default, CMOS Sensor • HS = High Speed • NB = Notebook • LC = Low Cost • AI = Array Imager • CM = Camera • HQ = Premium • AT = Automotive • SC =

Photoresistor Module — SunFounder Ultimate Sensor

Here is the electronic symbol of photoresistor. Principle The photoresistor module works on the principle of changing resistance in response to different light

Top Electronics Acronyms and Abbreviations:

Unlock a comprehensive list of 21k Electronics acronyms and abbreviations. Dive into our detailed dataset perfect for professionals and students, updated in July

Photoelectric conversion element, photoelectric conversion module ...

According to the present disclosure, it is possible to provide a photoelectric conversion element that can maintain photoelectric conversion efficiency even after exposure to light of high...

Part Naming Conventions | Toshiba Electronic Devices & Storage ...

This is Part Naming Conventions of Toshiba products. You can check here part naming Conventions that you look for.

EPCOS(TDK) SMD NTC thermistors part numbering

A common question for EPCOS(TDK) SMD NTC thermistors part numbers is "What is the meaning of the "V09" suffix?" As per EPCOS" document, listed below: "By end of 2015 all EPCOS

Why is "photograph" not a word for camera? Shouldn't it be ...

The suffix -graph in this context should make a photograph an instrument that records video signals, called a camera. Then, -gram refers to what is produced or recorded by the instrument, which should

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