

WAYON

Let's **Make**
electronics *Safer!*



WAY-ON

Let's make electronics safer !

History

- 1991--“PTC thermistor for telephone communication protection” was successful in tendering for the project of Shanghai Committee of Economy.
- 1996--Wayon Company formally registered.
- 1999-- Venture Company was introduced.
- 2000-- Wayon was changed into a joint stock company.



Company Profile

- **Major products: Polymer & ceramic PTC、 Fuse、 PCM and other protection components**
- **Annual sales of US \$ 28.5 million in 2002**
- **More than 800 employees in Shanghai, China.**
- **1 share control or share hold subsidiary companies.**



Quality System Approvals

- **ISO9001 (2000) Quality Certification**
- **QS9000 Quality Certification**



Quality Programming

- 1998 ISO9002 Quality System
- 2001 QS9000 Quality System
- 2002 ISO9000(2000) Quality System
- 2004 TS16946 Quality System
- 2005 6



Product certification

Safety Approvals

- UL \ TUV \ CSA



Green Product Program

- human in manufacture & design
- harmless in production
- lead-free in jointing
- Innoxious in packaging

**ISO14000 Environment
Management Certification**



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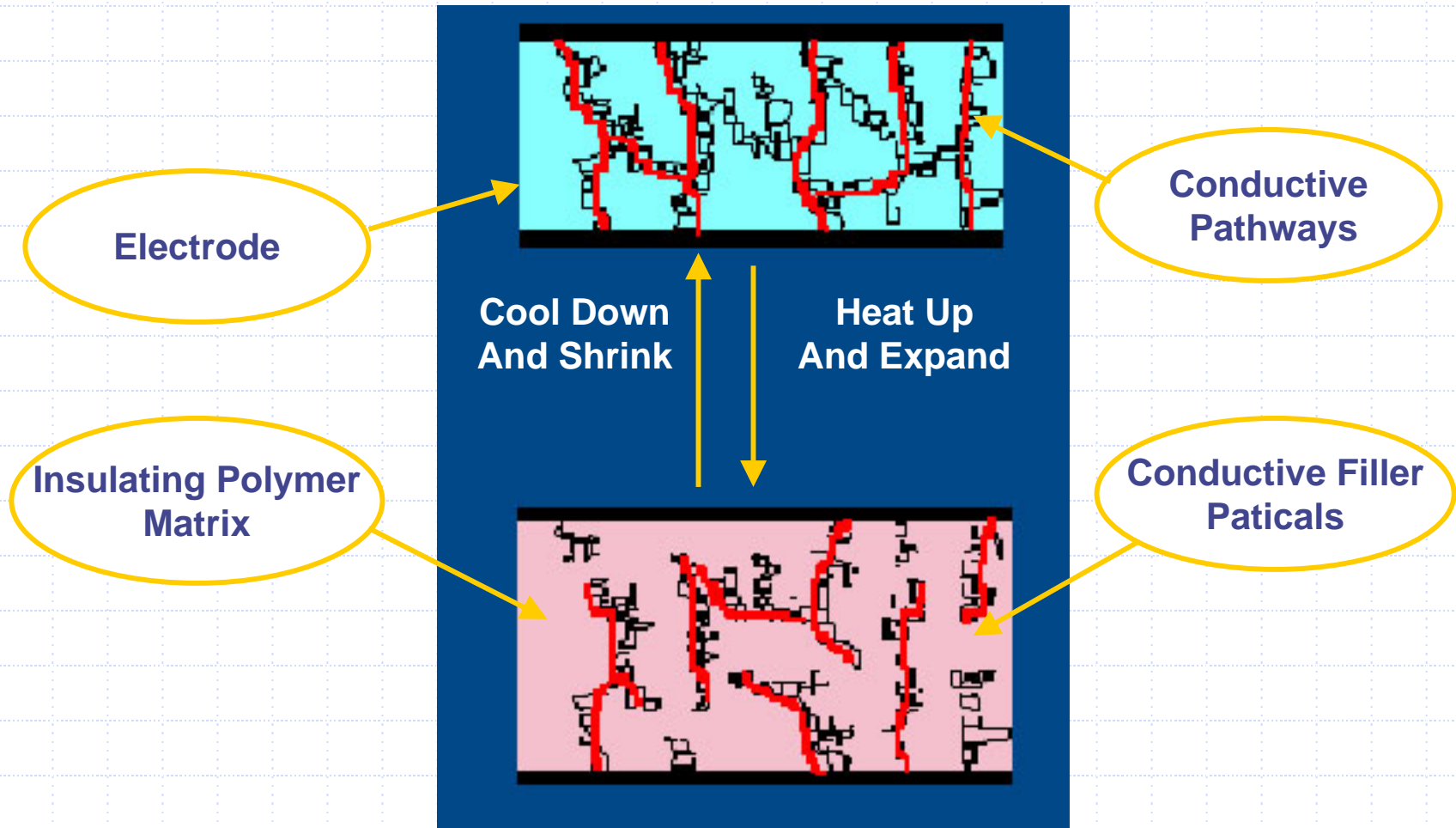
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Target Markets

- Telecom
- Power supply
- Automobile electronics
- Home appliance & IT equipments



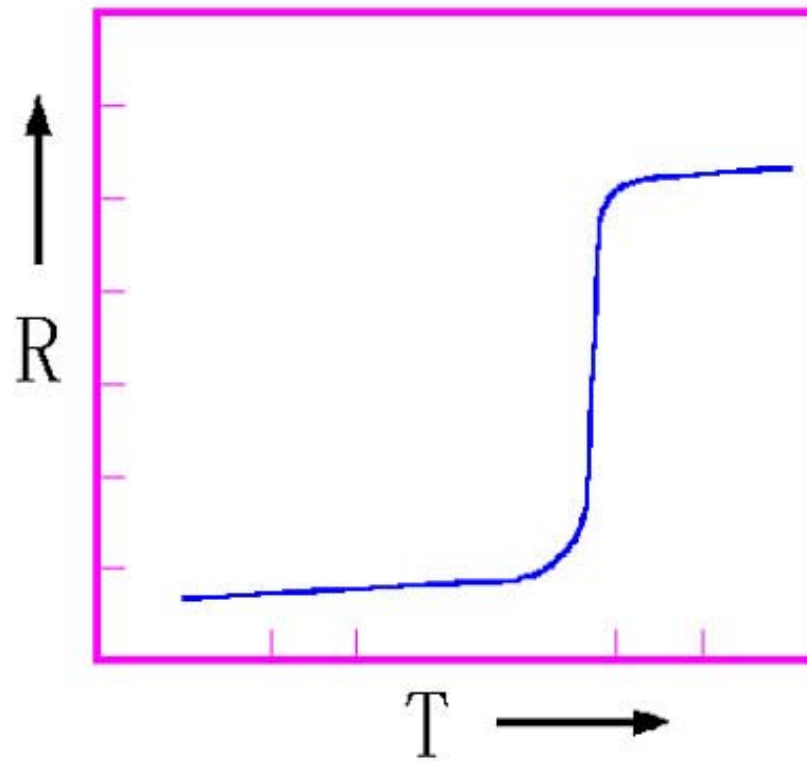
PPTC



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PPTC



PPTC

For Short Circuit Faults

$$I^2 R(T) > U(T - T_a)$$

therefore

The Device Temperature

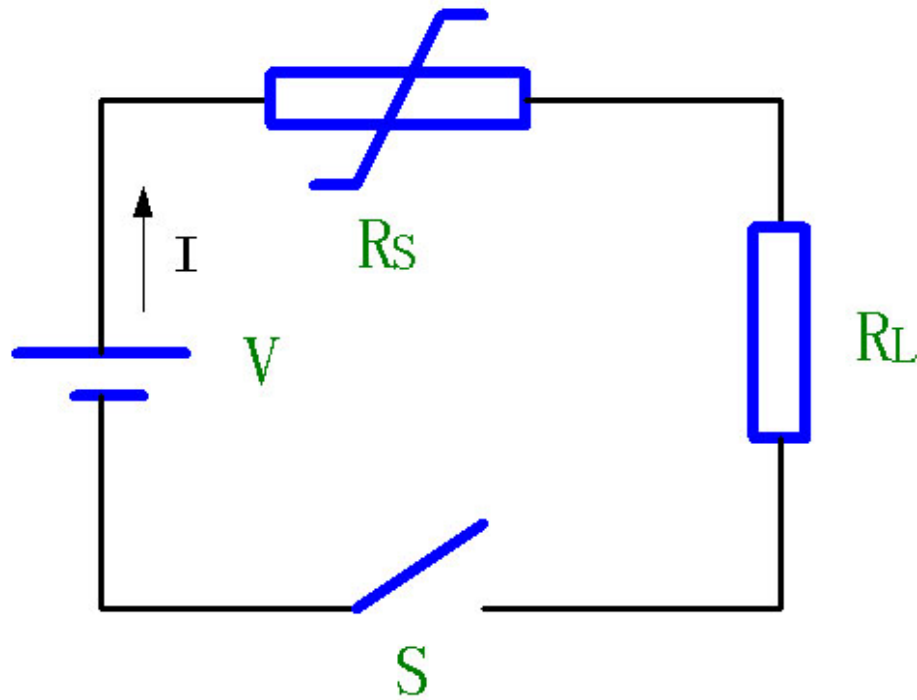
The Device Resistance

to reduce the current



PPTC

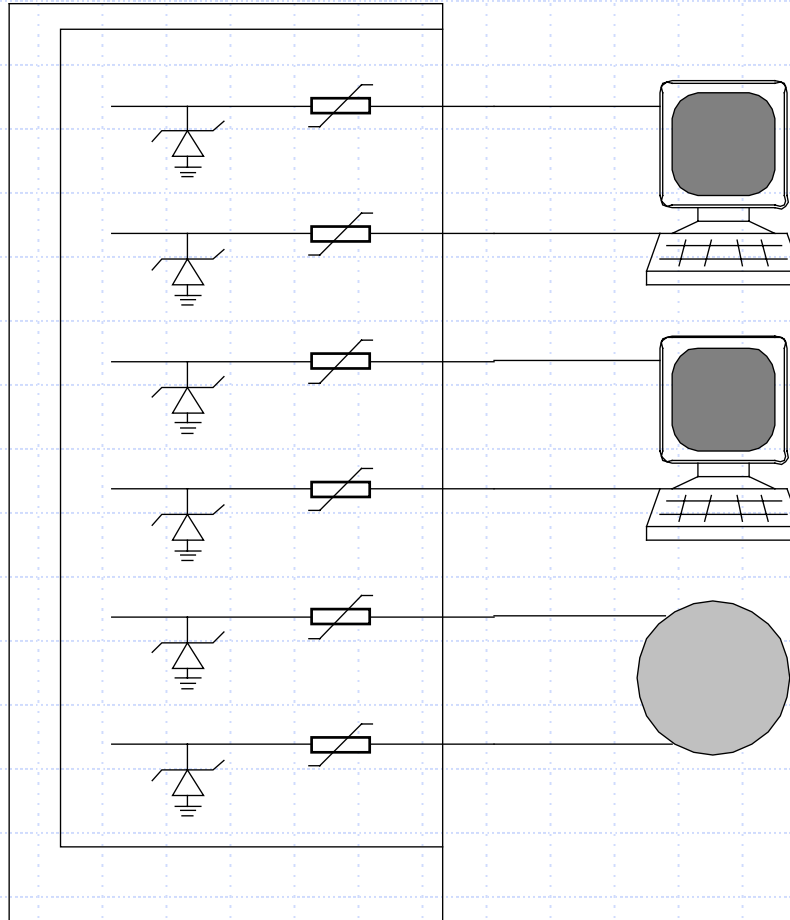
PPTC Resettable Fuse



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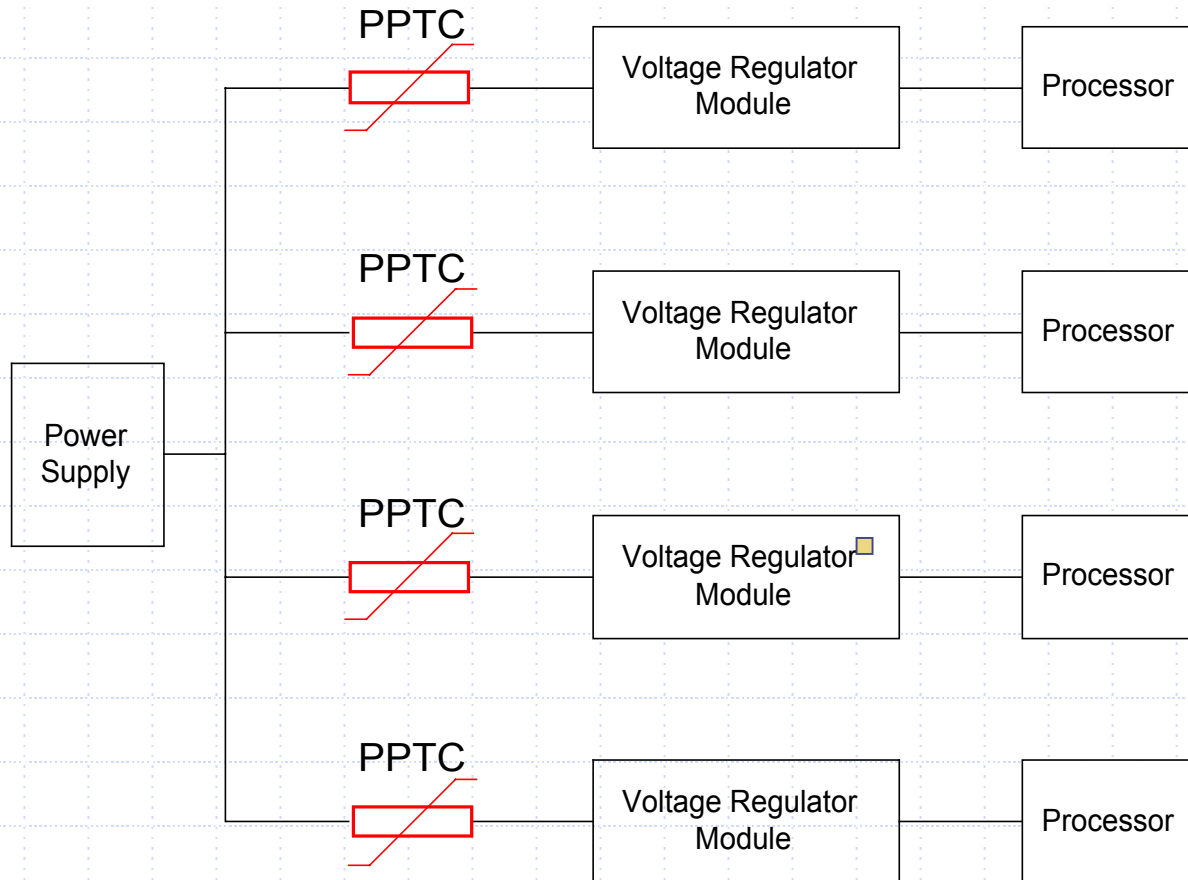
Process and Industrial Controls



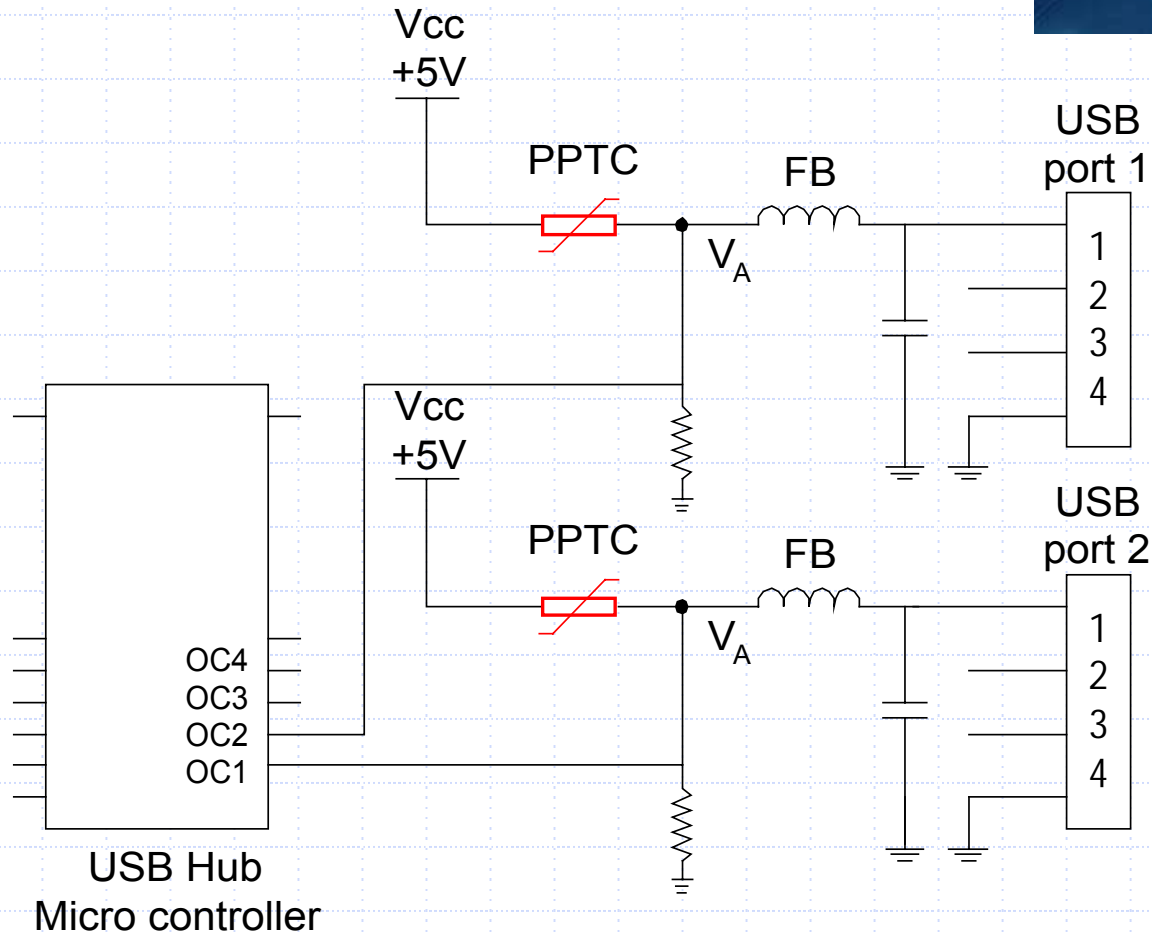
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CPU



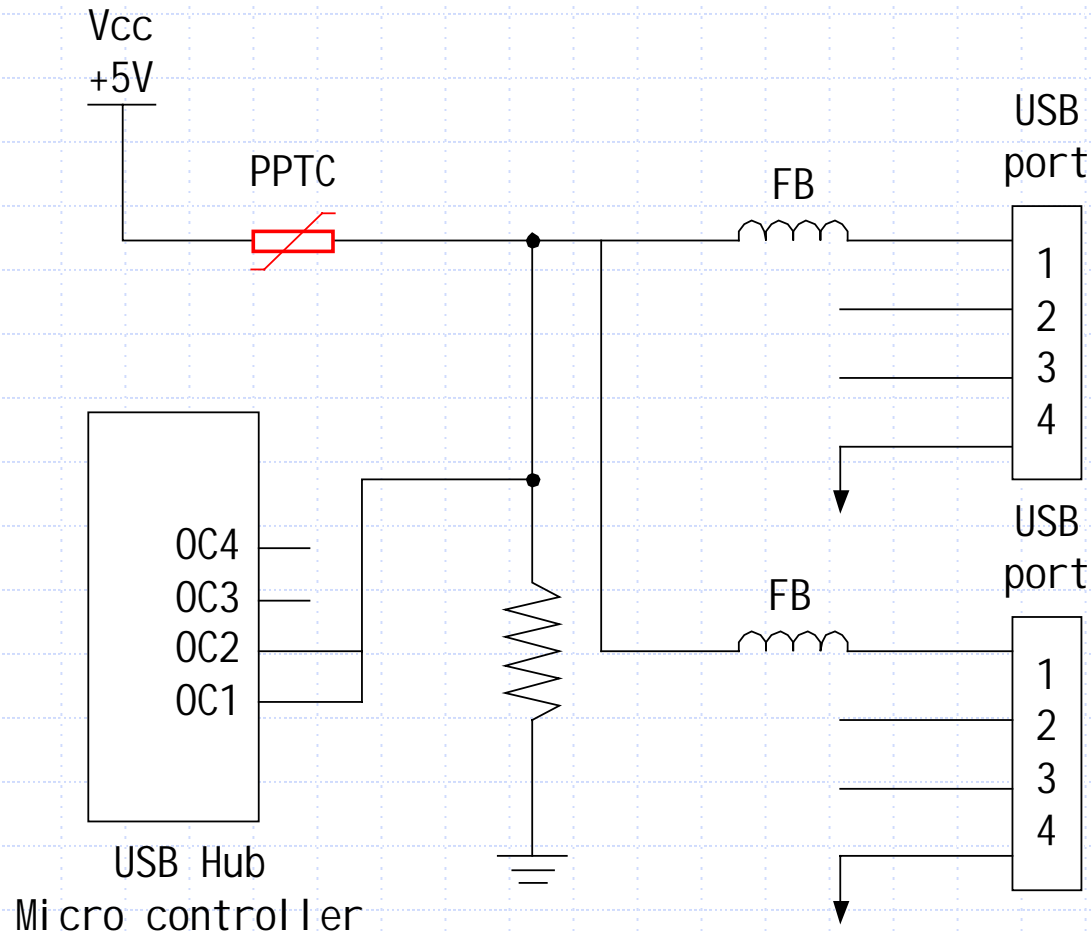
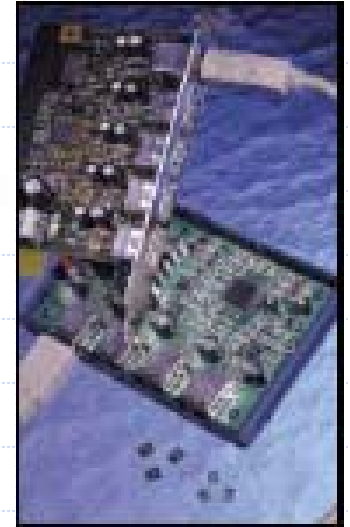
USB



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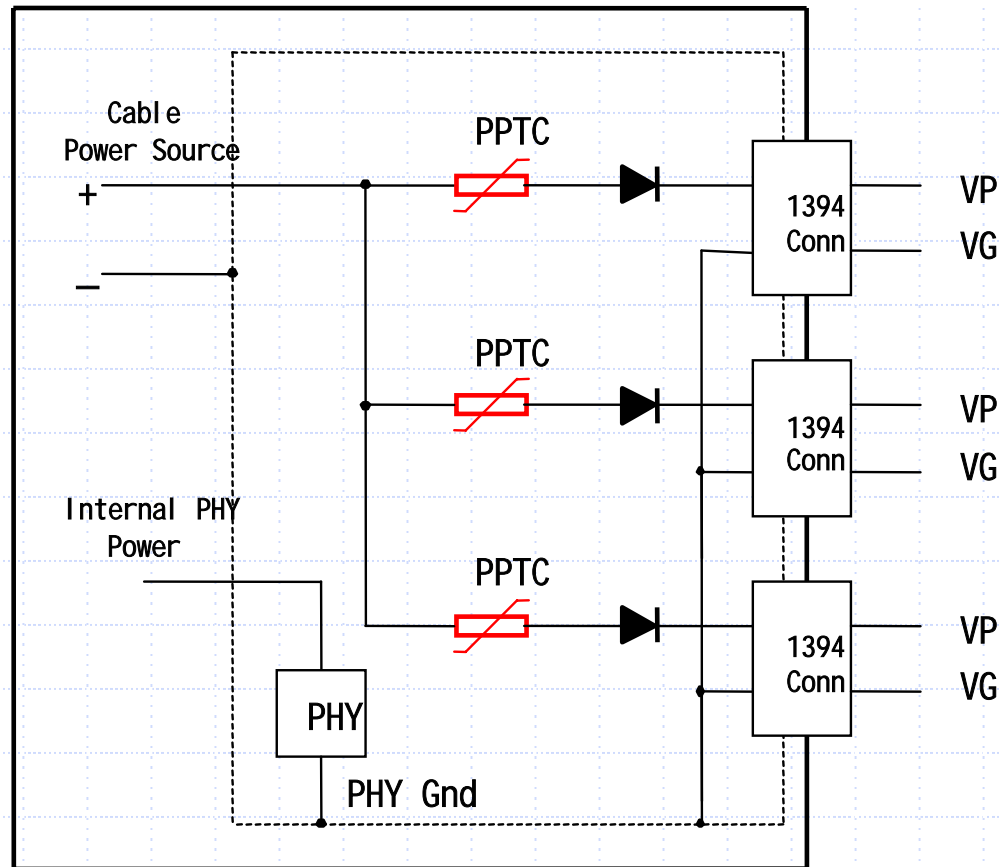
USB



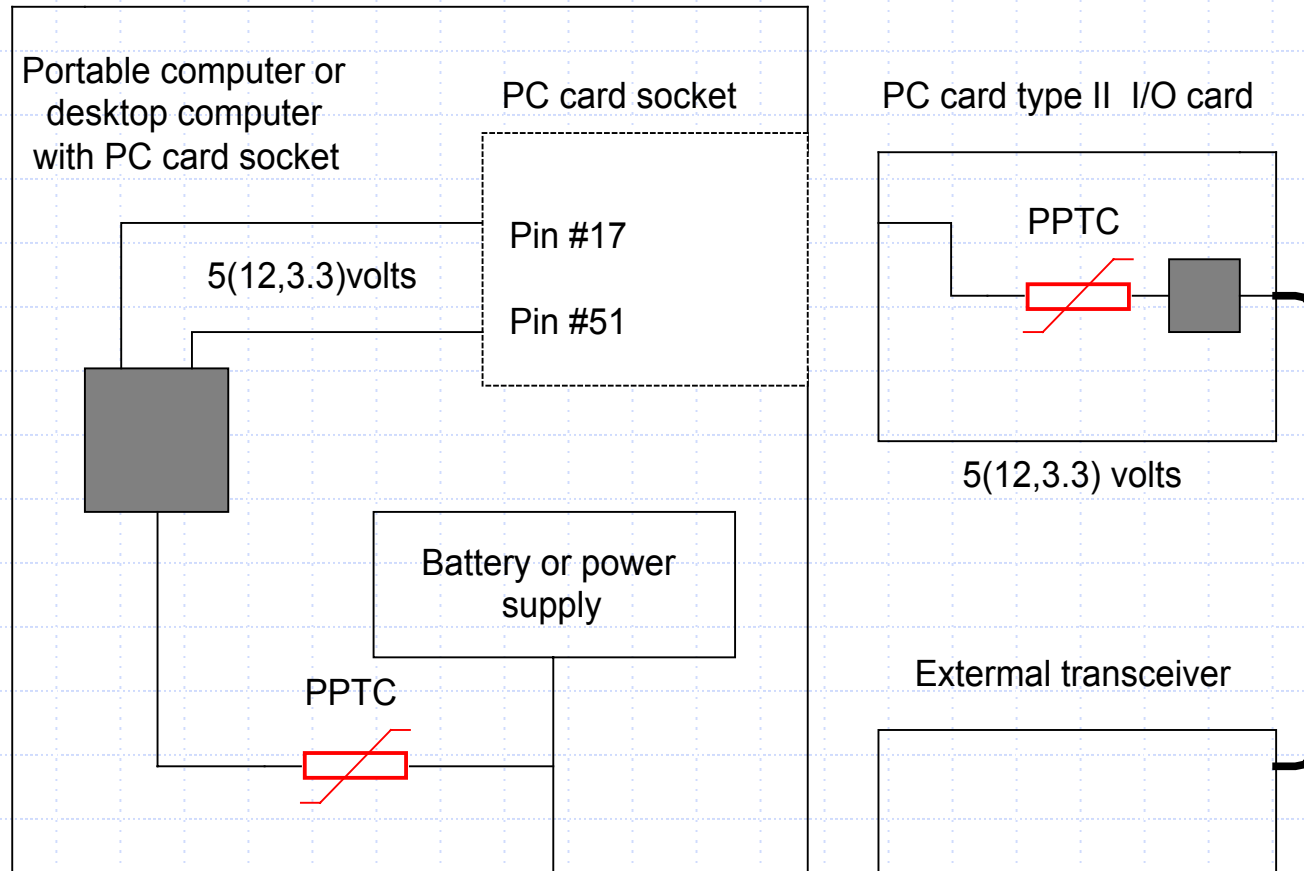
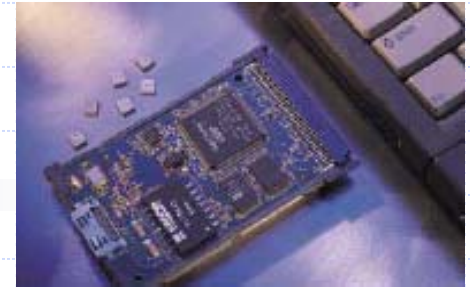
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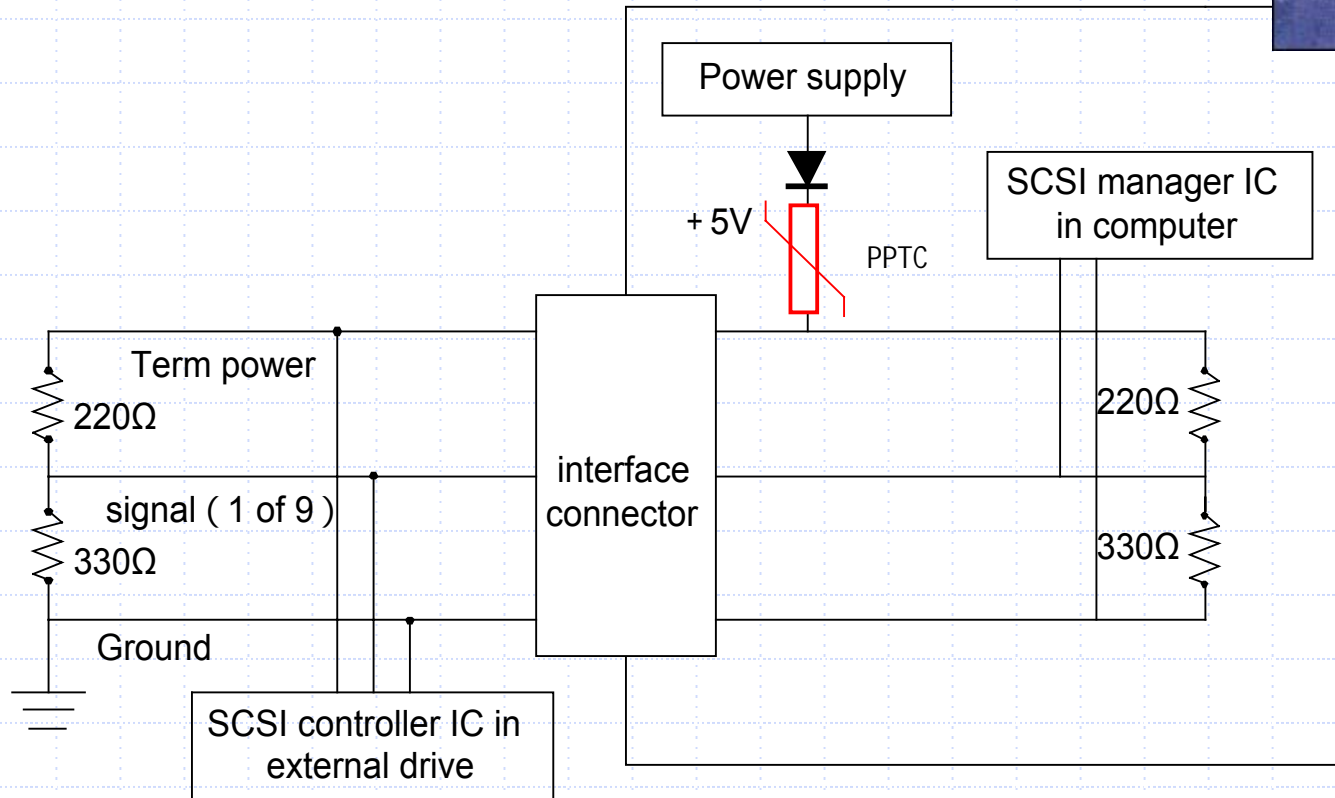
IEEE1394



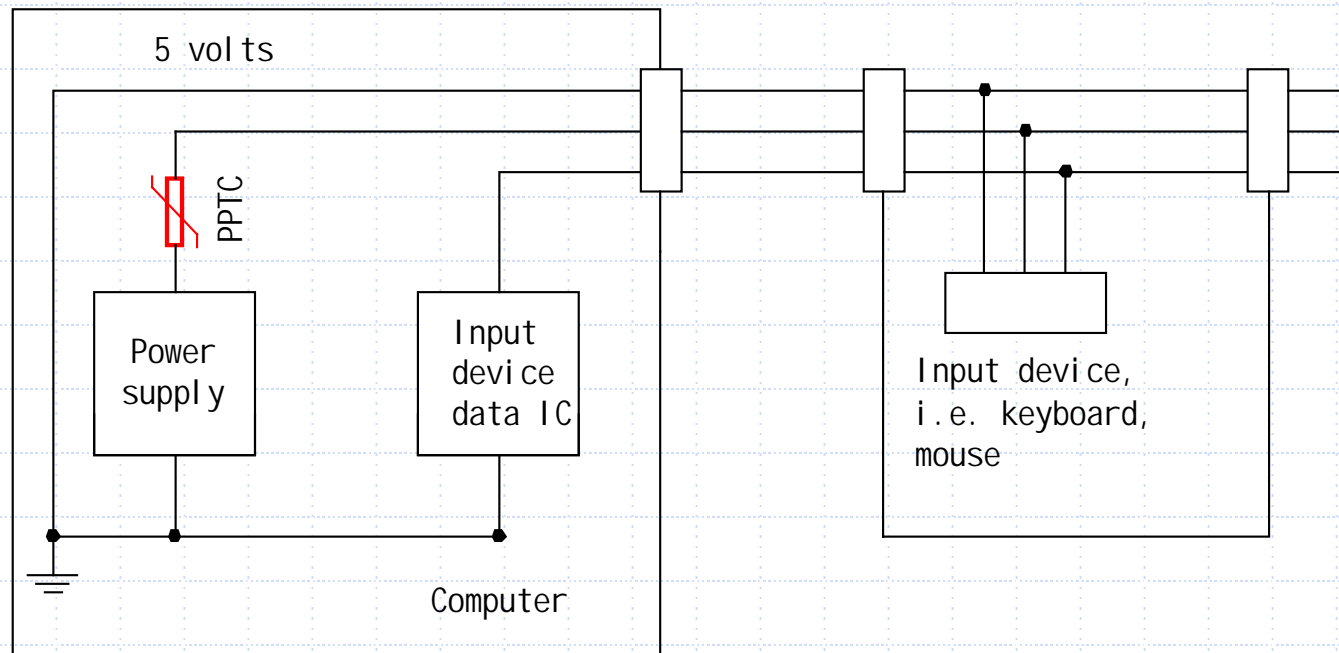
PC Cards and Sockets



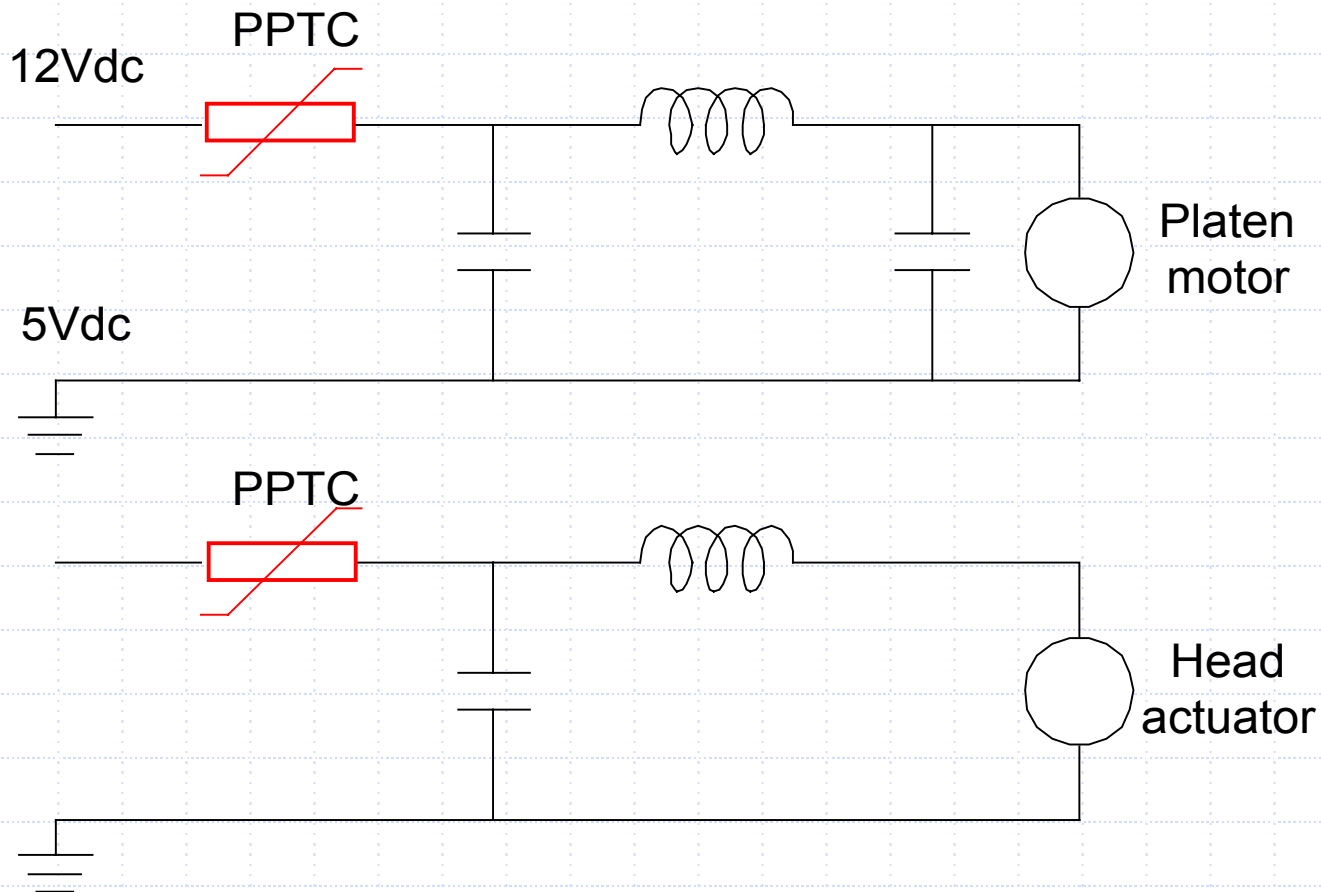
SCSI



I/O Ports-Motherboards



Hard Disk Drives



Products introduce –R-line device

LP-06 series:

Features

- ☐ Radial leaded devices;
- ☐ Lower resistance;
- ☐ Higher hold current;
- ☐ Increased reliability
- ☐ Agency Recognition: UL、CSA、TUV

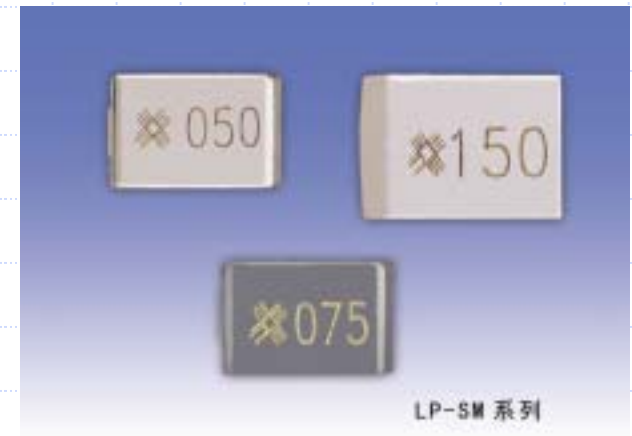


Products introduce –Surface mount devices

LP-SM series:

Features

- ❑ Small size of 1812
- ❑ Fast tripping resettable circuit protection
- ❑ Surface mount packaging for automated assembly
- ❑ Agency Recognition: UL、CSA、TUV

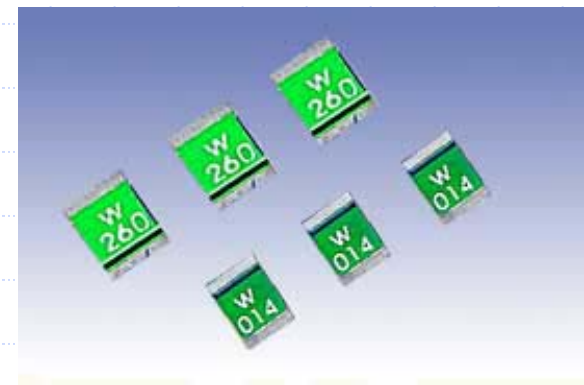


Products introduce –Surface mount devices

LP-MSM series:

Features

- ❑ Small size of 1812
- ❑ Fast tripping resettable circuit protection
- ❑ Surface mount packaging for automated assembly
- ❑ Agency Recognition: UL、CSA、TUV

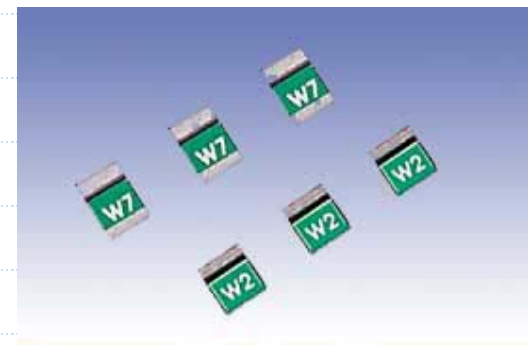


Products introduce –Surface mount devices

LP-USM series:

Features

- ❑ Smaller size of 1210
- ❑ Fast tripping resettable circuit protection
- ❑ Surface mount packaging for automated assembly
- ❑ Agency Recognition: UL、CSA、TUV

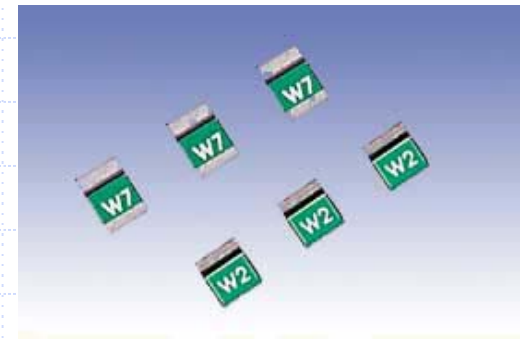


Products introduce –Surface mount devices

LP-NSM series:

Features

- ☐ Very small size of 1206 only
- ☐ Fast tripping resettable circuit protection
- ☐ Surface mount packaging for automated assembly
- ☐ Agency Recognition: UL、CSA、TUV is pending

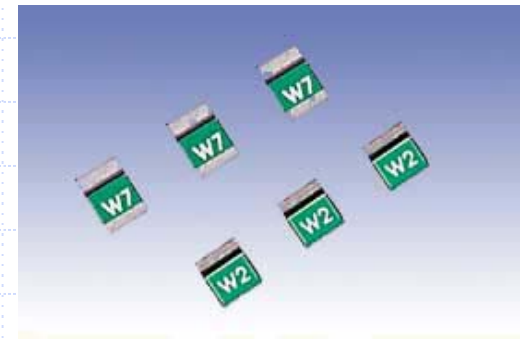


Products introduce –Surface mount devices

LP-ISM series:(coming soon)

Features

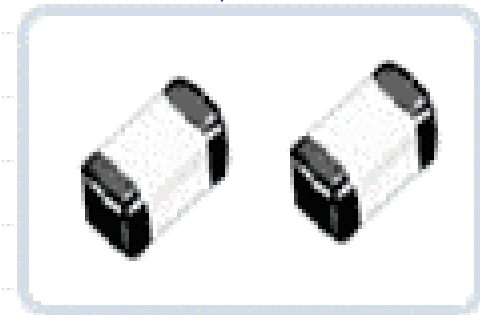
- ❑ Very small size of 0805
- ❑ Fast tripping resettable circuit protection
- ❑ Surface mount packaging for automated assembly
- ❑ Agency Recognition: UL、CSA、TUV is pending



Product –Chip Inductor

Chip Inductor:

- ❑ High self-resonant frequency.
- ❑ Ultra miniature size and weight.
- ❑ No polarity.
- ❑ Excellent solderability.



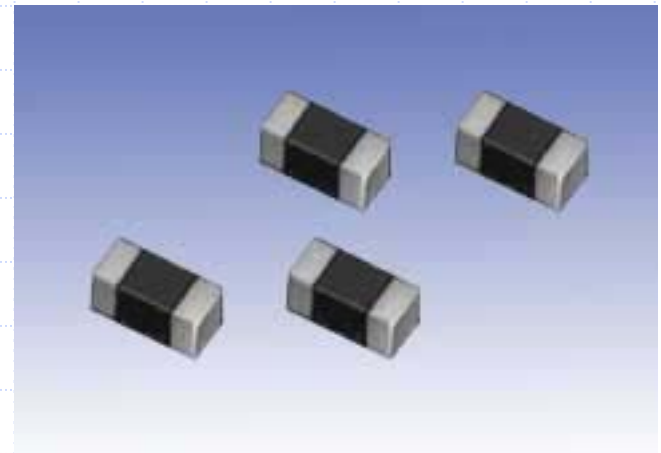
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Products introduce –NTC

NTC:

- ❑ Min nature size ,no lead,
- ❑ ideal for high density SMT installation,
- ❑ Ideal for wave or reflow soldering.
- ❑ Agency recognition: UL、 CSA、 TUV



Thanks !



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