

ICPL0631 , ICPL0630 , ICPL0530

产品名称	ICPL0631 , ICPL0630 , ICPL0530
公司名称	北京冠宇铭通科技有限责任公司
价格	1.00/个
规格参数	ISOCOM:ICPL0631 温度:-40 ° C to 100 产地:英国
公司地址	北京市北京经济技术开发区科创十四街99号28幢 二层207室
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产品详情

北京冠宇铭通科技有限责任公司，代理品牌：ISOCOM,NEXTCHIP,NICOMATIC,SHURTER,CORPRO,MXW 一级代理商，提供技术支持和方案，欢迎咨询。

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ISOCOM 提供一个完整而全面的光耦合器系列，适合所有一般应用。

产品包括:

晶体管 (单通道，双通道 & 四通道)

交流输入 (单通道，双通道 & 四通道 + 单通道6 Pin 部品)

施密特触发器 (单通道，微处理器兼容)

达林顿 (单通道，双通道 & 四通道)

Triac (标准 & 过零触发部品)

低功率耦合器 (单通道，双通道 & 四通道 – 晶体管 & 施密特触发器部品)

特点

CTR 范围10% to 600% 晶体管检测器1000% min 达林顿检测器

绝缘耐压7500v

集电极至发射极电压范围30v to 400v

Triac峰值电压可达 800v

UL, BSI, VDE, Nemko, EN60950 安全认证部品

10mm引脚间距 (G-Form)

SMT表面贴装 (鸥翼式封装) DIP封装的配置选择

8 Pin, 单通道SOIC晶体管部品

卷带包装

Half Pitch Products

With its very small and thin package the Half Pitch range is ideally suited to surface mount assembly such as PCMCIA and high density PCB ' s.

4 Pin Half Pitch: IS280, IS281, IS2801-1, IS3H4, IS3H7

5 Pin High Speed: ICPLM600

8 Pin High Speed: ICPL0452, ICPL0500, ICPL0600

16 Pin Quad Package: IS281-4, IS2801-4, IS4100

Applications

Switchmode Power Supplies

Computer Peripheral Interface

PC card (PCMCIA)

AC/DC Input Module

[ICPLM611 5 Pin High Speed SOPHalf Pitch 5 Pin Compact](#), [High Speed Compact](#)

[ICPLM600-601 5 Pin High Speed SOPHalf Pitch 5 Pin Compact](#), [High Speed Compact](#)[ICPL0631 8 Pin High Speed SOICHigh Speed Compact](#)[ICPL0630 8 Pin High Speed SOICHigh Speed Compact](#)[ICPL0611 8 Pin High Speed SOICHalf Pitch 8 Pin Compact](#), [High Speed Compact](#)[ICPL0601 8 Pin High Speed SOICHalf Pitch 8 Pin Compact](#)

, [High Speed Compact ICPL0600 8 Pin High Speed SOIC Half Pitch 8 Pin Compact](#), [High Speed Compact ICPL0531 8 Pin High Speed SOIC High Speed Compact ICPL0530 8 Pin High Speed SOIC High Speed Compact ICPL0501 8 Pin High Speed SOIC Half Pitch 8 Pin Compact](#), [High Speed Compact ICPL0500 8 Pin High Speed SOIC Half Pitch 8 Pin Compact](#), [High Speed Compact ICPL0453 8 Pin High Speed SOIC Half Pitch 8 Pin Compact](#), [High Speed Compact ICPL0452 8 Pin High Speed SOIC](#)

[Half Pitch 8 Pin Compact](#), [High Speed Compact](#)

ICPL0630, ICPL0631 ISOCOM COMPONENTS DC93175 DESCRIPTION The ICPL0630 and ICPL0631 dual channel devices each consists of an infrared emitting diode optically coupled to a high speed photo detector transistor. These devices belong to Isocom Compact Range of optocouplers. FEATURES High speed 10Mbit/s Half Pitch 1.27mm 10kV/ μ s min. Common Mode Transient Immunity (ICPL0631) High AC Isolation Voltage 3750VRMS Guaranteed Performance from -40 ° C to 85 ° C Wide Operating Temperature Range -40 ° C to 100 ° C Pb Free and RoHS Compliant Halogen Free Safety Approvals Pending APPLICATIONS Line Receivers, Data Communication LSTTL to TTL, LSTTL or 5V CMOS Data Multiplexing Pulse Transformer Replacement Switch Mode Power Supplies Ground Loop Elimination Computer Peripheral Interface ORDER INFORMATION Available in Tape and Reel with 2000pcs per reel.

ABSOLUTE MAXIMUM RATINGS (TA = 25 ° C) Input Diode Forward Current 20mA Reverse Voltage 5V Power dissipation 45mW Output Output Current 50mA Output Voltage 7V Supply Voltage (max 1 min) 7V Power Dissipation 60mW Total Package Isolation Voltage 3750VRMS Total Power Dissipation 80mW Operating Temperature -40 to 100 ° C Storage Temperature -55 to 12