

356 - 5685
356 - 5695



CNY74-2H/ CNY74-4H

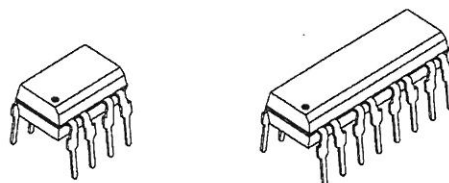
Vishay Telefunken

Multichannel Optocoupler with Phototransistor Output

Description

The CNY74-2H and CNY74-4H consist of a phototransistor optically coupled to a gallium arsenide infrared-emitting diode in an 8-lead, resp. 16-lead plastic dual inline package.

The elements are mounted on one leadframe using a **coplanar technique**, providing a fixed distance between input and output for highest safety requirements.



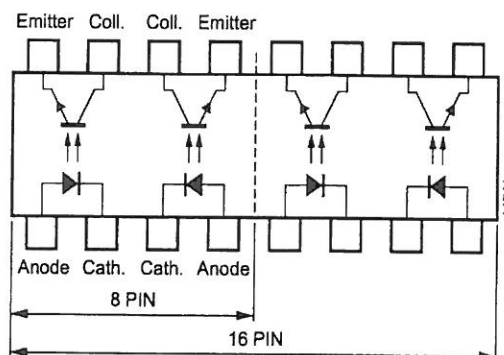
14926

Applications

Galvanically separated circuits, non-interacting switches

Features

- CNY74-2H includes 2 isolater channels
- CNY74-4H includes 4 isolater channels
- Isolation test voltage $V_{IO} = 5 \text{ kV}$
- Test class 25/100/21 DIN 40 045
- Low coupling capacitance of typical 0.3 pF
- Current Transfer Ratio (CTR) of typical 100%
- Low temperature coefficient of CTR
- Wide ambient temperature range
- Underwriters Laboratory (UL) 1577 recognized, file number E-76222
- CSA (C-UL) 1577 recognized, file number E-76222 – Double Protection
- Coupling System U



Order Instruction

Ordering Code	CTR Ranking	Remarks
CNY74-2H	50 to 600%	8 Pin = Dual channel
CNY74-4H	50 to 600%	16 Pin = Quad channel