


Infrared Encoder/Decoder 115.2KBd 2.5V/3.3V/5V 8-Pin SOIC N T/R



Images are for reference only

[Inquiry](#)

Manufacturer:	Microchip Technology, Inc
Package/Case:	SOP8
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

General Description

Converts serial data from UART bitstreams to IrDA standard bitstreams (encodes) and from IrDA standard bitstreams to UART bitstreams (decodes). Requires input clock that is 16x needed baud rate.

Key Features

Pinout compatible with HSDL-7000

Compliant with IrDA® Standard Physical Layer Specification (version 1.3)

UART to IrDA Standard Encoder/Decoder: Interfaces with IrDA Standard Compliant Transceiver

Baud Rates: Up to IrDA Standard 115.2 Kbaud Operation

Transmit/Receive Formats (Bit Width) Supported: 1.63 μ s

Low-power Mode (2 μ A at 1.8V + 125°C)

Pb-free packaging

Recommended For You

MCP2122-E/SN

Microchip Technology, Inc
SOP8

MCS3142-I/ST

Microchip Technology, Inc
TSSOP

MCP2120-I/P

Microchip Technology, Inc
DIP14

MCP2122-E/P

Microchip Technology, Inc
DIP-8

MIC58P42YN

Microchip Technology, Inc
18LPDIP

HCS301-I/SN

Microchip Technology, Inc
SOP8

SY58017UMG

Microchip Technology, Inc
QFN

SY55855VKG

Microchip Technology, Inc
MSOP10

SY58606UMG

Microchip Technology, Inc
MLF-16

SY58608UMG

Microchip Technology, Inc
QFN16

HV57708PG-G

Microchip Technology, Inc
PQFP-80

SY100EL16VZG

Microchip Technology, Inc
SOP8

SY89547LMG

Microchip Technology, Inc
QFN-32

SY100EP15VK4G

Microchip Technology, Inc
TSSOP-16

SY100ELT22ZG

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