

Infrared Transceiver Module (IrDA)

IrDA is a miniature package of Infrared transceiver module that provides the interface between

logic and IR signal for through air, between serial and half-duplex IR wireless data links and is designed to satisfy the IrDA physical layer.

Versions for : Cellular Phones, Notebook PCs, Portable Printers, Digital Camera, PDAs, Pagers, Smart Phones, Imaging Printers and Data Collection Devices

- Low Power Consumption
- Low Power Down Mode of Max.

1 μ A Typ. 10nA)

- From Transmission speed.

115.2Kbps

- Wide Operating voltage : 2.7V ~ 5.5V

- Link Distance : Typ. 30cm



Key Advantages :

- **Excellent** transmission characteristics
- **Easy** Mounting on set panel.

(Ta=25)

Part No.	Description	Transmitter		Receiver		Transmission Distance (cm)	Supply Voltage(V)	Outline Dimensions(mm)
		tr(ns)	tf(ns)	tr(ns)	tf(ns)			
KOI-6001A	9.6~115.2Kbps	600	600	600	600	0 ~ 30	2.7 ~ 5.5	8.0L*2.65W*2.5T
KOI-6001B	9.6~115.2Kbps	600	600	600	600	0 ~ 30	2.7 ~ 5.5	8.0L*2.75W*2.5T
KOI-6002A	9.6~115.2Kbps	600	600	600	600	0 ~ 30	2.7 ~ 5.5	7.0L*2.8W*1.6T
KOI-6002AS	9.6~115.2Kbps	600	600	600	600	0 ~ 30	2.7 ~ 5.5	7.4L*2.75W*1.8T
KOI-6004A	9.6~115.2Kbps	600	600	600	600	0 ~ 30	2.7 ~ 5.5	8.0L*2.75W*1.9T
KOI-6005A	9.6~115.2Kbps	600	600	600	600	0 ~ 30	2.7 ~ 5.5	8.0L*2.75W*2.5T
KOI-6005B	9.6~115.2Kbps	600	600	600	600	0 ~ 30	2.7 ~ 5.5	9.6L*2.55W*2.3T

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