

# SigmaTel USB-SIR Adapter Reference Design Overview

## SCOPE:

The SigmaTel USB-SIR Adapter Reference Design provides a complete USB-to-Serial Infrared solution.

## REVISION HISTORY:

10-13-01 - Original Release

## UNIQUE COMPONENTS:

- 1) STIr4115 USB/IR Bridge
- 2) 12.000 MHz crystal in Epson CA-301 throughhole package.
- 3) Texas Instruments TPS76333 Fixed 3.3V Regulator in SOT-23-5.  
Alternate Regulators:  
National Semiconductor: LP2981M5-3.3  
Alpha Semiconductor: AS3815-3.3  
Semitech: SC5205
- 4) Infineon IRMS6400 IR Transceiver
- 5) SMT prefix footprint surface mount components (SMT wxyz) have dimensions of 0.wx inches by 0.yz inches.

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Title		
<b>SigmaTel Serial Infrared Adapter Reference Design</b>		
Size A	This design is the property of SigmaTel Inc. It is offered on an "as is" basis, and carries no implied warranty.	Rev A
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