KIT_A2G_TC357TA_3V3_TFT

Overview
This basic 3V3 TC357TA ADAS Application Kit offers limited access to signals, for early evaluation purposes. An additional touchscreen display offers convenient handling.

Summary of Features:

Infineon's AURIX™TC357TA in LFBGA-292 ADAS Package

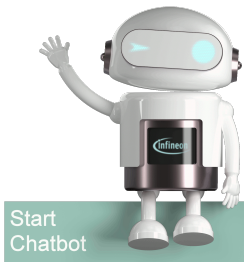
- LCD XGA Display 320x240
- SD card slot (mini SD)
- High Speed CAN Transceiver (CAN FD capable)
- USB to UART bridge – Ethernet Gigabit PHY
- LIN Transceiver – Crystal 20MHz (default) or External Clock
- USB miniWiggler JDS for easy debugging
- 4 Low Power Status LEDs
- RTC with alarm
- Acoustic beeper
- 100mm x 100mm

Connectors:

The Application Kit TC357TA ADAS offers a wide variety of connectors:

- Standard power connector
- Micro USB connector for ASC Interface (ASC0) and miniWiggler
- RJ45 connector for Ethernet (if Ethernet supported by assembled CPU)
- 16-pin header for JTAG interface (OCDS)
- 10-pin header for DAP – 10pin (2x5) Header for LIN Transceiver (LIN)
- 10pin (2x5) Header for CAN High Speed Transceiver (CAN0)
- two 40-pin connectors with I/O signals
- mini SD card slot
- 60pin (2x30) high speed connector for MMIC/RIF

Components :



- Infineon’s Multi Voltage System Supply TLF3068xQVS01
- LED to validate power supply (3,3Volt)
- LED indicating RESET (ESR0) active state
- LED indicating activ miniWiggler JDS
- LED switched via DAS software
- Infineon’s High Speed CAN Transceiver TLE 9251V (CAN FD capable)
- Infineon’s LIN-Transceiver TLE 7259-3GE
- QSPI Real-Time Clock/Calendar with SRAM and unique MAC Id MCP79511 (if CPU not support I2C)
- I2C Real-Time Clock/Calendar with SRAM and unique MAC Id MCP79411 (if CPU support I2C)
- USB to UART bridge FT2232HL (FTDI)
- Integrated 10/100/1000M Ethernet Precision Transceiver RTL8211FI-CG (Realtek)
- Touch screen controller ADS7843
- 4 general purpose LEDs
- Reset switch
- Wake switch
- Xilinx CPLD XC9572XL


AURIX™ TFT board
infineon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Parametrics

Parametrics	**KIT_A2G_TC357TA_3V3_TFT**
Board Type	Evaluation Board
Family	Microcontroller
Product Description	This basic 3.3V TC357TA ADAS Application Kit offers limited access to signals, for early evaluation purposes. An additional touchscreen display offers convenient handling.

Order

Sales Product Name	**KIT_A2G_TC357TA_3V3_TFT**
OPN	KITA2GTC357TA3V3TFTTOBO1
Product Status	active and preferred
Infineon Package name	--
Standard Package name	
Order online	
Completely lead free	
Halogen free	
RoHS compliant	no
Packing Size	1
Packing Type	CONTAINER

Moisture Level	
Sales Product Name	**KIT_A2G_TC357TA_3V3_TFT**
Moisture Packing	NON DRY

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Package information

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Notes on processing

Information regarding reflow profile, soldering temperature, soldering profile and further processing notes for most of the discrete products are mentioned in the Application Note.
Please visit **https://www.infineon.com/packages (https://www.infineon.com/packages)** and refer to the documen

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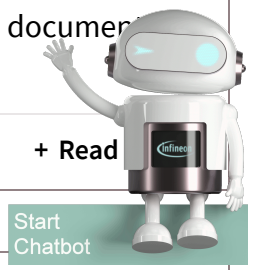

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