

# TMS470M Microcontroller USB Kit Status: ACTIVE

TMDX470MF066USB

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## Description

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The TMDX470MF066USB is a USB Kit which can be used to quickly develop code and evaluate performance of the TMS470M MCU. It includes the automotive grade Cortex-M3 ARM CPU based TMS470MF066 microcontroller running at 80MHz, with 640KB of Flash, 64KB of RAM, and a enhanced set of peripheral modules.

## Features

The USB Stick includes an integrated XDS100v2 emulator so that no external JTAG emulator is required to get started. The USB Stick also provides access to some of the key peripherals, a CAN Transceiver, and an Ambient Light Sensor (used for demo purposes).

The TMS470M USB Kit also includes a complete software development environment with CCStudio v4.1, HalcoGen Peripheral Drivers, Flash Programming Utility, HET Simulator/Debugger w/ Synaptical WaveViewer, code examples, and much more.

## What's Included

- Cable for XDS100v2 emulation
- DVD that includes CCStudio v4 IDE, HALCoGen Peripheral Drivers Generation Tool, Flash programming integrated into CCS, HET GUI/Simulator/Assembler including Synaptical WaveViewer, & Demo
- Project/Code Examples
- TMS470M USB Stick w/ on-board XDS100v2 emulator

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Part Number	Texas Instruments	Authorized Distributors	Status	Price (US\$)
TMDX470MF066USB: TMS470M Microcontroller USB Kit			ACTIVE	\$79.00
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## Technical Documents

More Literature (1)

Title	Abstract	Type	Size (KB)	Date	Views
<a href="#">TMS470M and TMS570 Transportation and Safety MCUs</a>		PDF	990	01 Jun 2011	736

## Related Products

[TI Design Kits, Boards & Tools \(3\)](#)
[TI Devices \(3\)](#)

Part Number	Name	Product Family
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<a href="#">TMS470MF03107</a>	16/32-Bit RISC Flash Microcontroller	Hercules™ ARM® Safety MCUs
<a href="#">TMS470MF04207</a>	16/32-Bit RISC Flash Microcontroller	Hercules™ ARM® Safety MCUs
<a href="#">TMS470MF06607</a>	16/32-Bit RISC Flash Microcontroller	Hercules™ ARM® Safety MCUs

## Videos

### TMS470M Transportation and Safety Microcontroller Overview

The ARM® Cortex™-M3 Based TMS470M Microcontroller family enables value minded developers to easily create safety related applications for the transportation industry. This video gives an overview of the TMS470M MCU family and the development tools that are available.

**Posted:** 27-Mar-2011

**Duration:** 3:58

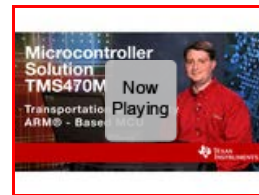
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**Tags:** [tms470m](#), [tms470](#), [tms570](#), [arm](#), [safety](#), [iec61508](#), [cortex](#), [m3](#), [cortex-m3](#), [automotive](#), [transportation](#)



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TMS470M Transportation and Safety Microcontroller Overview

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