

Release Notes

Guiliani Evaluation M13-RA6M3-EK with FreeRTOS

Product:	Guiliani-SDK for M13-RA6M3-EK
Release version:	2.6
Release date:	February 12, 2024

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1 Introduction

TES Electronic Solutions is pleased to release the Guiliani GuilianiDemo, a Guiliani Application running on M13-RA6M3-EK with FreeRTOS

2 Hardware and software components

This Guiliani SDK for M13-RA6M3-EK with FreeRTOS is based on following hardware and software components:

M13-RA6M3-EK Evaluation Board Kit

TES D/AVE

TES Guiliani V2.6

GuilianiDemo (Guiliani Technical Showcase Demo)

FreeRTOS v10.0.0

Renesas e² studio 2023-10 with FSP 4.2.0

Additional files for e2studio are required (Board-config and flashing application)

3 Release contents

This release includes:

Compiled binary for GuilianiDemo Application (Debug and Release)

Guiliani Demo Resources

Batch script and configuration files to flash the application

Guiliani Libraries

FreeType 2.4.8

Sources for StreamRuntime

4 File structure

CMake	Folder containing commonly used cmake-files
Documentation	All available documentation for the SDK (more on guiliani.de)
eGaC	Header-files and libraries for eGaC
Export	The exported project to be used for flashing
External	Header-files and libraries of third-party-libraries
GlyphLib	Header-files and libraries for GlyphLib
Guiliani	Header-files and libraries for Guiliani
Libraries	Pre-built versions of all used libraries for the specified platform
Renesas	Within here you will find the e2studio-projects
SR_GuilianiDemo	The Guiliani Technical Showcase Demo containing sources and the complete GSE-project in multiple resolutions
StreamRuntime	StreamRuntime-project used as a minimal project to be used with Guiliani
License compliance.pdf	License compliance document for used software parts
Release_Notes_Guiliani_Evaluation.pdf	This file
TES SW Evaluation license.pdf	License for the Guiliani SDK
Using Guiliani SDK on RA6M3 within e2Studio.pdf	Introductory document

5 Required software

- Microsoft Windows 10
- Renesas e2studio 2023-10 with FSP 4.2.0

For re-building the GSE including custom-extensions:

- CMake V3.13 or higher
- Microsoft Visual Studio Express Edition 2017 or higher