

CY3290-CYAT8168X PSoC™ Automotive Multitouch Evaluation Kit release notes

About this document

Scope and purpose

This document details the release contents, all known issues in the release, and the changes from the last release, together with information on tools, options, and support packages.

New issues identified since the last release of this document are detailed first, followed by all issues identified in previous versions of this release.

Intended audience

This document is intended for anyone using the CY3290-CYAT8168X PSoC™ Automotive Multitouch Evaluation Kit.



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1 Release contents

This release is of ES100 release quality, and consists of the following deliverables:

- Hardware:
 - Touchscreen module containing a 10.1” touchscreen, touch PCB, and TTBridge.
 - USB cable.
- Documentation:
 - Quick start guide (physical copy).
 - Latest quick start guide on [EVK website](#) Document section (this release: 002-16094 revision-*F).
 - Latest user guide on [EVK website](#) Document section (this release: 002-16111 revision-*C).
- Software:
 - EVK installer available on the [EVK website](#) Design Support section.
 - Latest Touch Tuning Host Emulator on the [EVK website](#) Design Support section.
 - Latest Manufacturing Test Kit software on the [EVK website](#) Design Support section.

System requirements

2 System requirements

The hardware and software system requirements are provided in the following table.

Table 1 System requirements

Requirement	Minimum	Recommended
Microsoft Internet Explorer	7	Latest
.NET framework	3.5 SP1	-
Adobe reader	6	9+
Windows installer	3.1	
Touch Tuning Host Emulator	3.3.25	Latest
PSoC Programmer	3.25	Latest

Key features

3 Key features

- 10.1" touchscreen
- Water rejection and wet-finger tracking using DualSense
- Multitouch glove with automatic mode switching
- MISRA-C 2012 compliant code base



Supported parts

4 Supported parts

The following Marketing Part Numbers (MPN) are contained within the EVK.

Table 2 Supported parts

MPN			
CYAT81688-100AS77			

Summary of changes

5 Summary of changes

This chapter describes the fixes for issues from previous version(s).

5.1 Issues fixed in release *A

Table 3 Supported parts

ID	Issue number	Issue description	Fix
1	n/a	Panel vendor unavailable	New panel vendor used
2	n/a	Casing vendor unavailable	New casing vendor used
3	n/a	USB stick removed from kit	Updated documentation and website

Known issues

6 Known issues

This chapter describes the prescribed workarounds for all the open issues identified.

Table 4 Known issues

ID	Issue number	Issue description	Workaround
n/a	n/a	n/a	n/a

7 Limitations and deviations

This chapter describes the limitations and deviations due to software/hardware design constraints.

7.1 Limitations

Table 5 Known limitations

ID	Description	Impact
n/a	n/a	n/a

7.2 Deviations

Table 6 Known deviations

ID	Description	Impact
n/a	n/a	n/a

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