

QUICK START GUIDE

Display Adapter Boards

Sojus 5.2

Part-No. 301001

1 Safety Points



Warning:

- To avoid risk of electric shock or damage to the display, disconnect the display module from its power source before handling it.
- Do not touch the connections or circuits whilst the display is in operation.



Caution:

- Follow ESD handling procedures to avoid circuit damage. Use a grounded wrist strap.
- Do not press on the display panel or its edges as damage can result.

Important Notice

The Plastic Logic Display Evaluation Kit (“the Kit”) is intended for use for **ENGINEERING DEVELOPMENT, DEMONSTRATION OR EVALUATION PURPOSES ONLY** and is not considered by Plastic Logic to be a finished end-product fit for general consumer use. Persons handling the Kit must have electronics training and observe good engineering practice standards. As such, the kit being provided is not intended to be complete in terms of required design-, marketing-, and/or manufacturing-related protective considerations, including product safety and environmental measures typically found in end products that incorporate such semiconductor components or circuit boards. The kit does not fall within the scope of the European directives regarding electromagnetic compatibility, restricted substances (RoHS), recycling (WEEE), FCC, CE or UL, and therefore may not meet the technical requirements of these directives or other related directives.

2 About this document

This document is a quick start guide for the **small display evaluation kit**. It is only to be used for kits containing a Hummingbird Z6 power board with Sojus 5.2 Adapter Boards.

3 Getting Started

Prior to unpacking the kit, the user is strongly urged to take appropriate ESD and safety precautions.

3.1 Unpacking the Kit

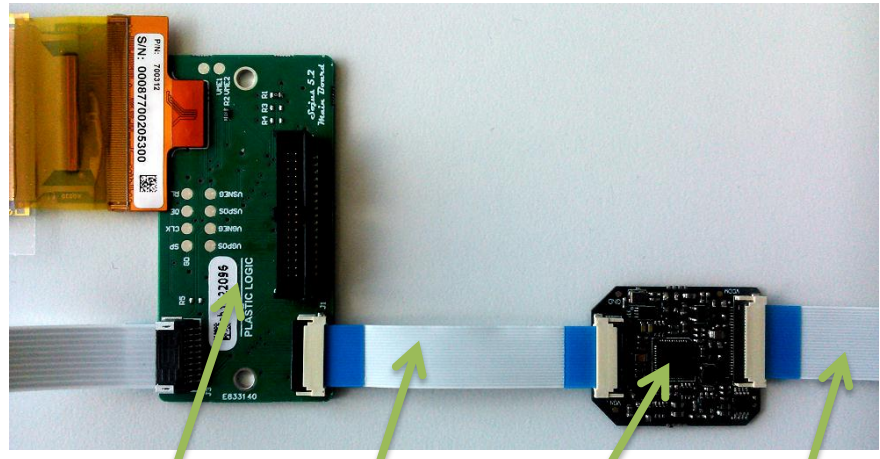
The kit is shipped with the items listed in the table below. Please ensure that the items listed have been included in your kit. Remove the kit from the anti-static bags and perform a visual inspection.

PLASTIC LOGIC

No	Item	Description
1	Board Sojus 5.2 Main Board	Plastic Logic Sojus 5.2 display adapter board (main Board)
2	Board Sojus 5.2 2 nd Board	Plastic Logic Sojus 5.2 display adapter board (second Board)
3	Flat Cable	Cable to connect Sojus 5.2 Main Board and HBZ6
4	Flat Cable	Cable to connect Sojus 5.2 Main Board to Sojus 5.2 2 nd Board



Sojus 5.2
2nd Board 10 Pin
Flat Cable

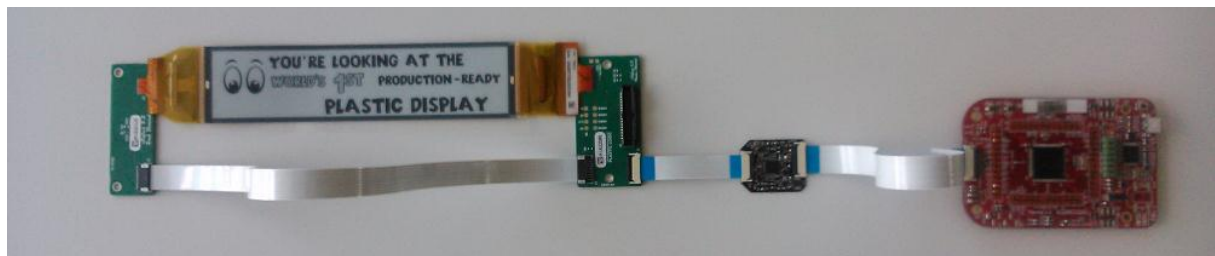


Sojus 5.2 20 Pin HBZ6 24 Pin
Main Board Flat Cable Board Flat Cable

3.2 Connecting up the Kit

Plug in the display (shipped separately) into the display connectors of the Sojus 5.2 Main Board and Sojus 5.2 second board first. Then connect the Sojus Board to the Hummingbird Z6 and then the Hummingbird Z6 to the Processor Board. It is important to connect the display before powering up the kit to avoid damages of any parts.

Attention: Do not change or remove the display during the kit is powered up!



Plastic Logic 5.4 Inch Display connected to Hummingbird Z6 and MSP430 Parrot Board

3.3 Further Information

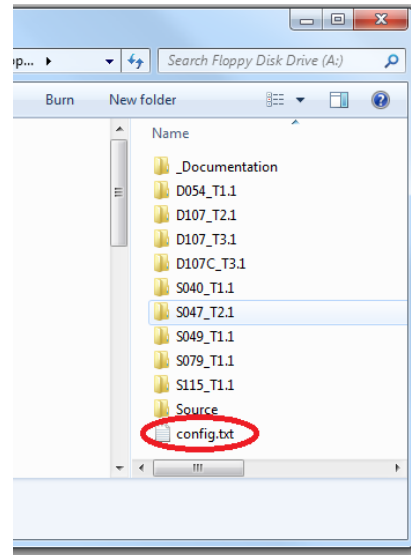
Please remove the Micro-SD card from the switched off kit and insert it into a PC. Please check the folders “Source” and “Documentation” for further information.

3.4 Setting the Display Type

The Plastic Logic Display Evaluation Kits support a number of displays for each processor platform. The SD-Card with the binary and image data is preset to be used with the 4.0“ Plastic Logic Display so it is necessary to change this setting by editing the config.txt file on the root folder of the SD-Card.

Change **display_type S040T1.1** to **display_type D054_T1.1** and add if not present two lines to the file:

```
display_type D054_T1.1
scrambling 418
source_offset 167
```



4 Troubleshooting

In case of any problems please email techsupport@plasticlogic.com