

QUICK START GUIDE

Display Evaluation Kit

M_T430E

Microcontroller Platform for 4.0", 4.9", 4.7", 5.4", 7.92", 10.7" and 11.5" for Epson EPD driver

Part-No. 301008

Software Features included:

- Draw *.pgm images as a slideshow
- Script a sequence with different drawing areas and update modes for unscrambled pixel arrangements
- Power demo mode
- Scrambled pixel arrangements

Software features not included:

- Draw text
- Show animations

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 **microcontroller-based display evaluation kits**. It is only to be used for kits containing a Parrot microcontroller board.

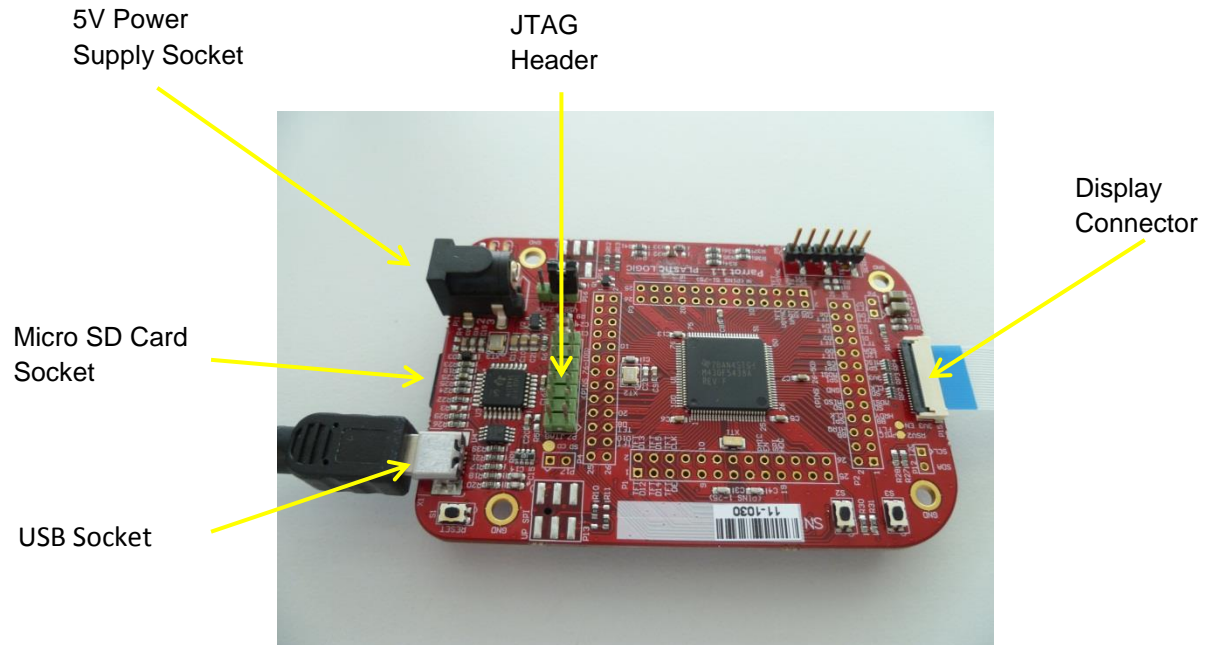
3 Getting Started

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.

No.	Item	Description
1	Board	Plastic Logic Parrot 1.1 microcontroller board
2	USB Cable	USB Cable for powering the Parrot Board and communication interface



3.2 Connecting up the Kit

Connect the Parrot Board to the display power board through the flat cable. It is important to connect the cable with contact down on both sides. It is also 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!

3.3 System Boot and Image Display

After the display is plugged in please connect the USB cable to the Parrot 1.1 board to power up the kit. The image slide-show will start after a few seconds.

3.4 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.

4 Troubleshooting

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

