



Dual Interface EEPROM

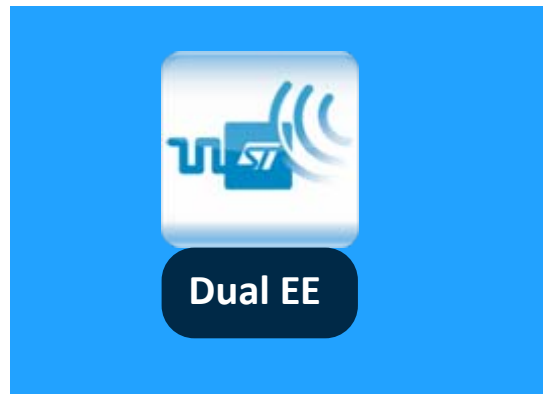
NFC Android App

May 2011

Dual Interface EEPROM App ID



- Name: Dual EE
- Tagged as: NFC, Dual Interface EEPROM, STMicroelectronics
- Developed and validated on the Google phone (Samsung Nexus S) with Android v2.3.3
- App location: Android Market
- Source code locations: ST website
- Icon



- Demonstration purpose
- Works with the Dual Interface EEPROM datalogger (DATALOG-M24LR-A)



- Source code available as sample code

App content (1/)



- Once App launched, this menu appears
- 3 options:
 - **Applications** button gets you to a short presentation of Dual Interface EEPROM applications and markets
 - **www.st.com/duapeeprom** gets you to the ST website
 - Placing the DATALOG-M24LR-A close to the phone will get you to the next menu



ST Dual interface EEPROM
Two worlds connected

1 0 1 0 1 1 (0 1 0 1 0

→ Place your phone close to the datalogger

Applications

www.st.com/dualeeprom

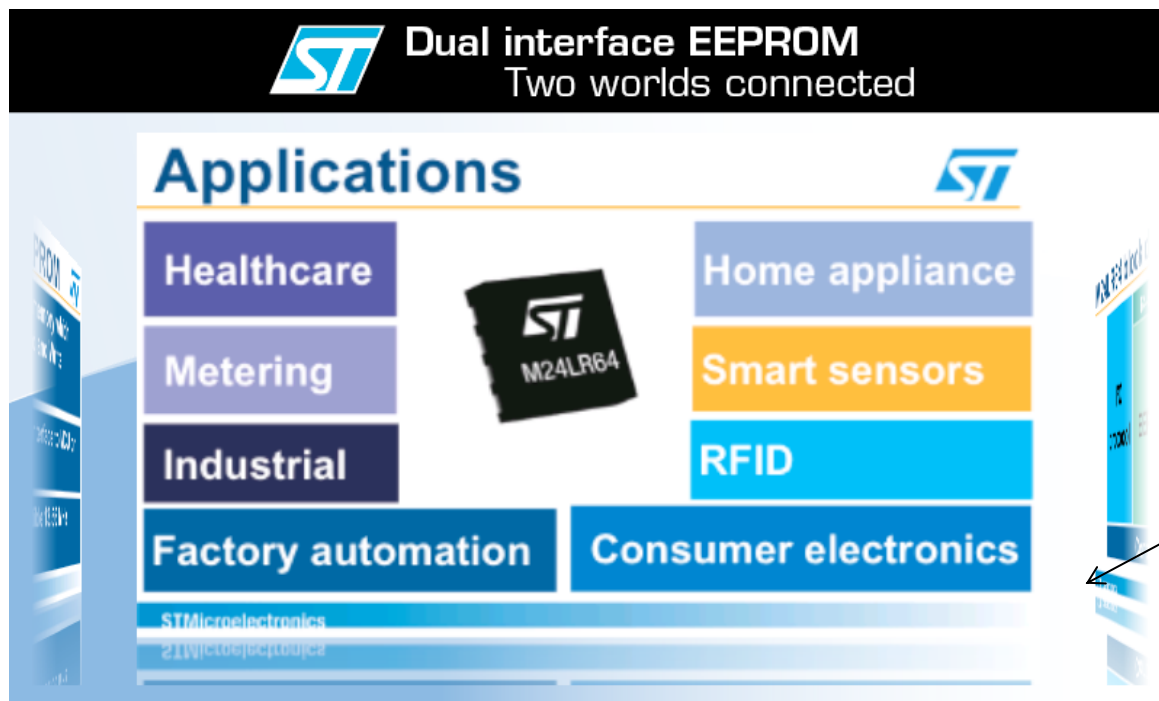
The advertisement features a smartphone on the left with the ST logo on its screen. Above it, a small black EEPROM chip is shown with a yellow inductive loop antenna. To the right, a green datalogger board with an ST M24LR64 chip is visible. The background includes binary code and a signal wave. At the bottom, there are two black buttons: one labeled 'Applications' and another with the URL 'www.st.com/dualeeprom'.

Applications button

« Applications » menu



- Some slides about the Dual Interface EEPROM applications and benefits



Use the touch screen to go from one slide to another

Main menu



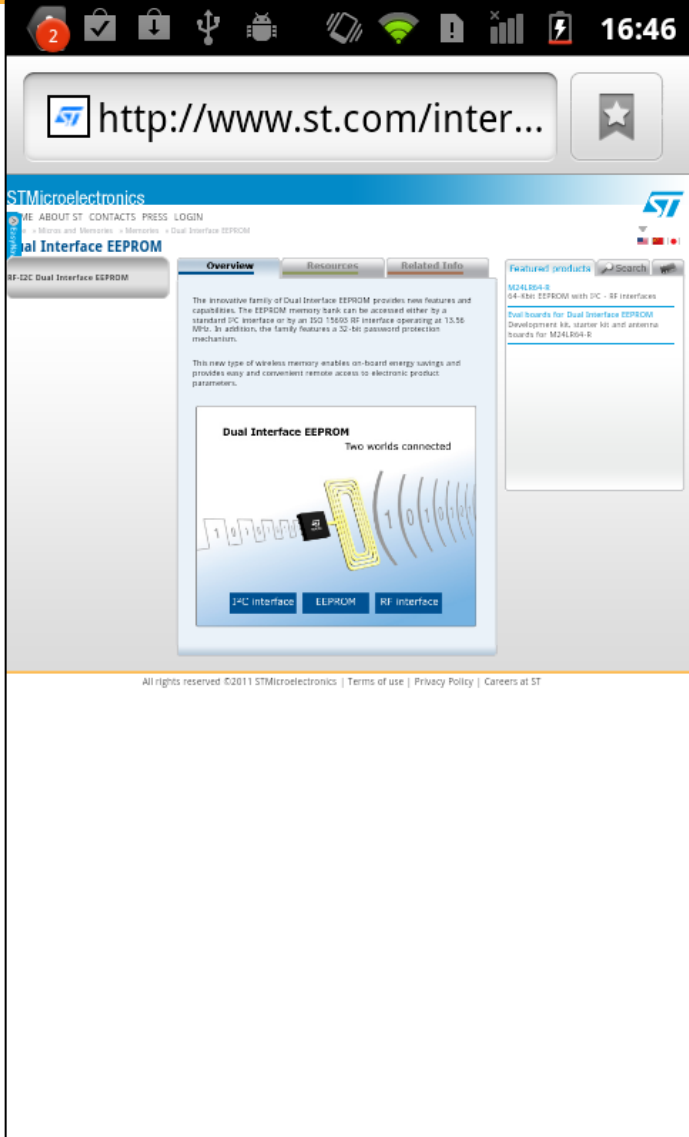
ST Dual interface EEPROM
Two worlds connected

→ Place your phone close to the datalogger

Applications

www.st.com/dualeeprom

www.st.com/dualeeprom
button



- Gets you to the ST website

Main menu



ST Dual interface EEPROM
Two worlds connected

→ Place your phone close to the datalogger

Applications

www.st.com/dualeeprom

Just place your phone close to the datalogger



Datalogger App (1/3)

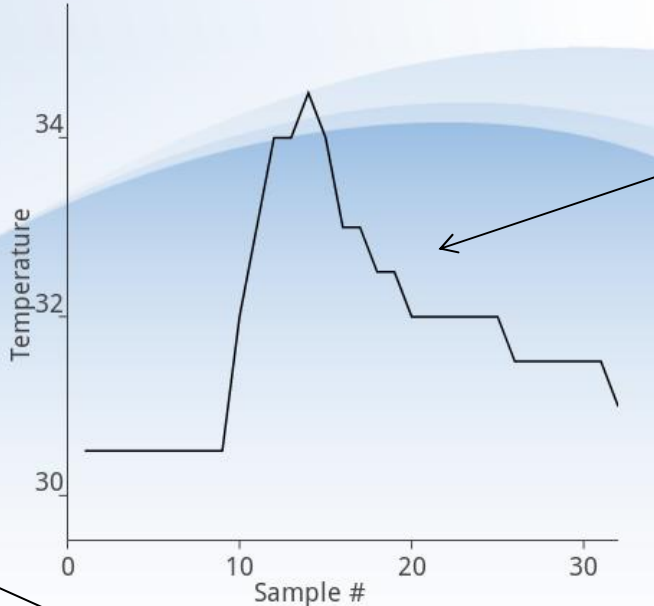


 **Dual interface EEPROM**
Two worlds connected

Latest temperature recorded in the datalogger

 **31.0 °C**  **connected**

Dual Interface EEPROM detection status



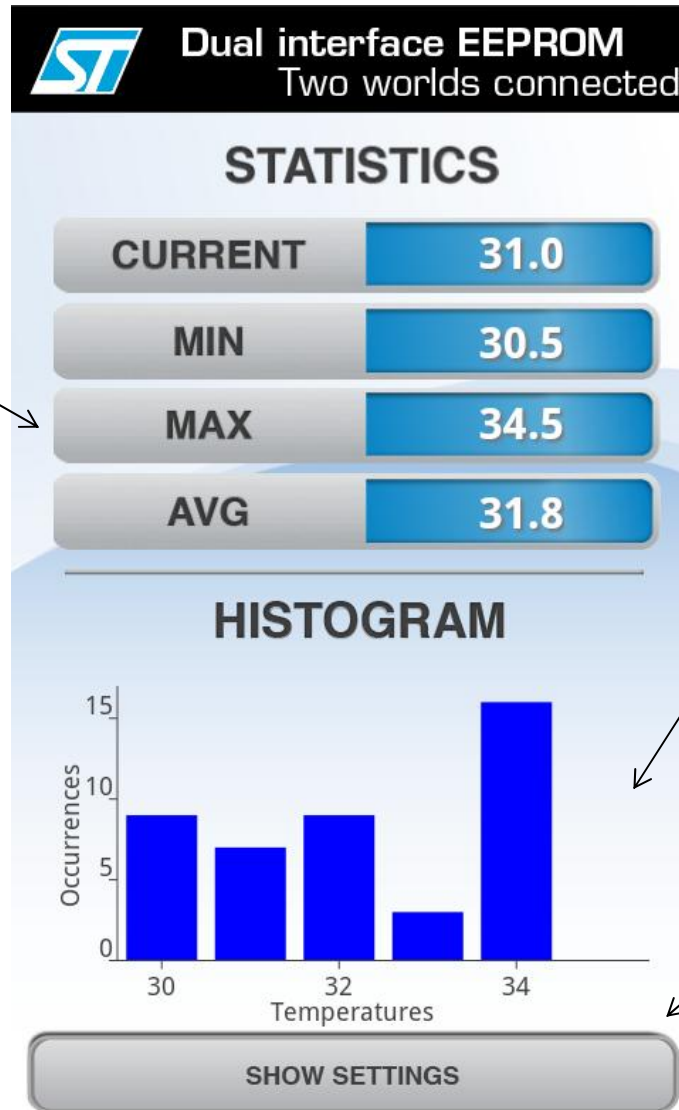
All temperature records stored in the datalogger

Show graph button (refresh)

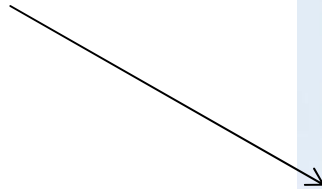
STOP DATALOGGER **SHOW GRAPH** **SETTINGS - SHOW STATS**

Settings and Statistics button

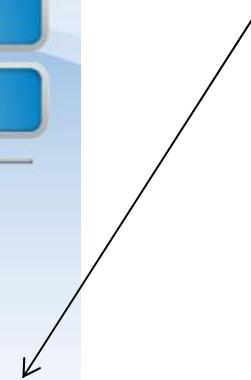
Start-Stop button



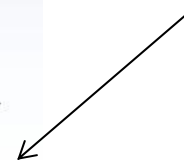
Statistics



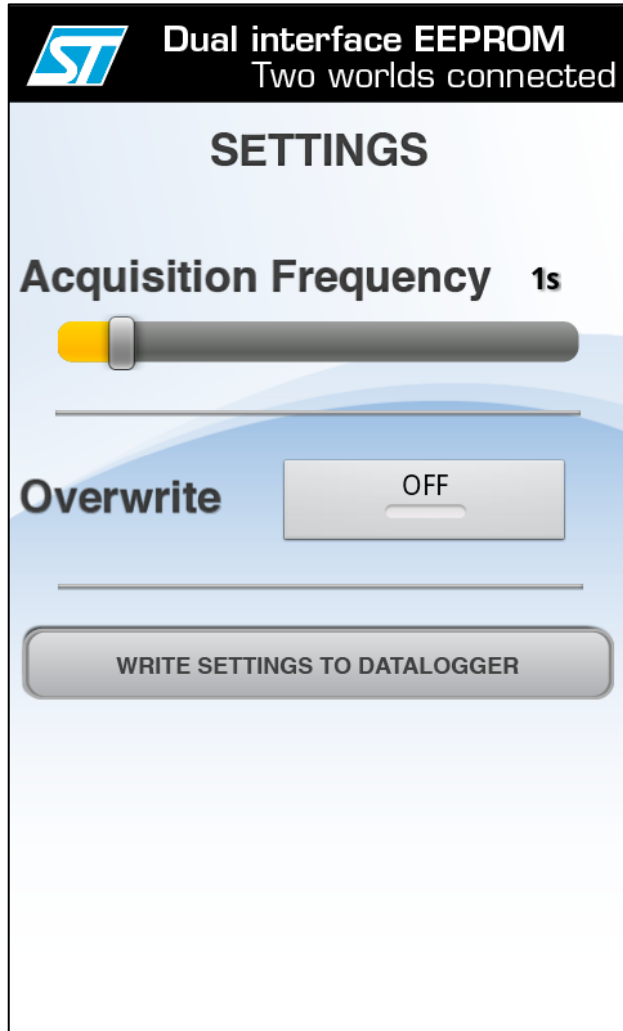
Histograms



Show Settings



Datalogger App (3/3)



Optional menu to change datalogger settings