



# Dual Interface EEPROM

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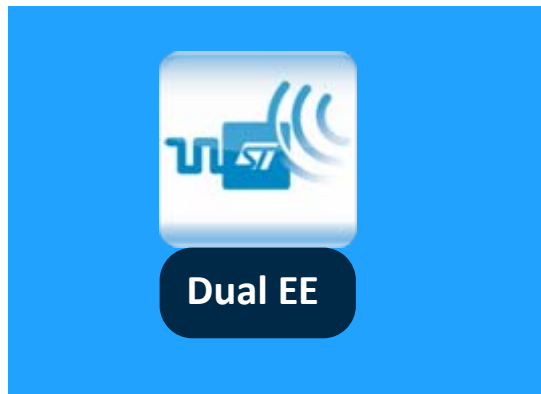
**NFC Android App**

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](http://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

 **Dual interface EEPROM**  
Two worlds connected



→ Place your phone close to the datalogger

Applications

[www.st.com/dualeeprom](http://www.st.com/dualeeprom)

Applications button

# « Applications » menu



- Some slides about the Dual Interface EEPROM applications and benefits

The slide features a black header with the ST logo and the text "Dual interface EEPROM" and "Two worlds connected". Below this is a white area with the word "Applications" in blue, followed by a grid of application categories: Healthcare, Metering, Industrial, Factory automation, Home appliance, Smart sensors, RFID, and Consumer electronics. A central image shows an M24LR64 EEPROM chip. The ST logo is in the top right corner. At the bottom, it says "STMicroelectronics" and "STMicroelectronics".

Use the touch screen to go from one slide to another

# Main menu



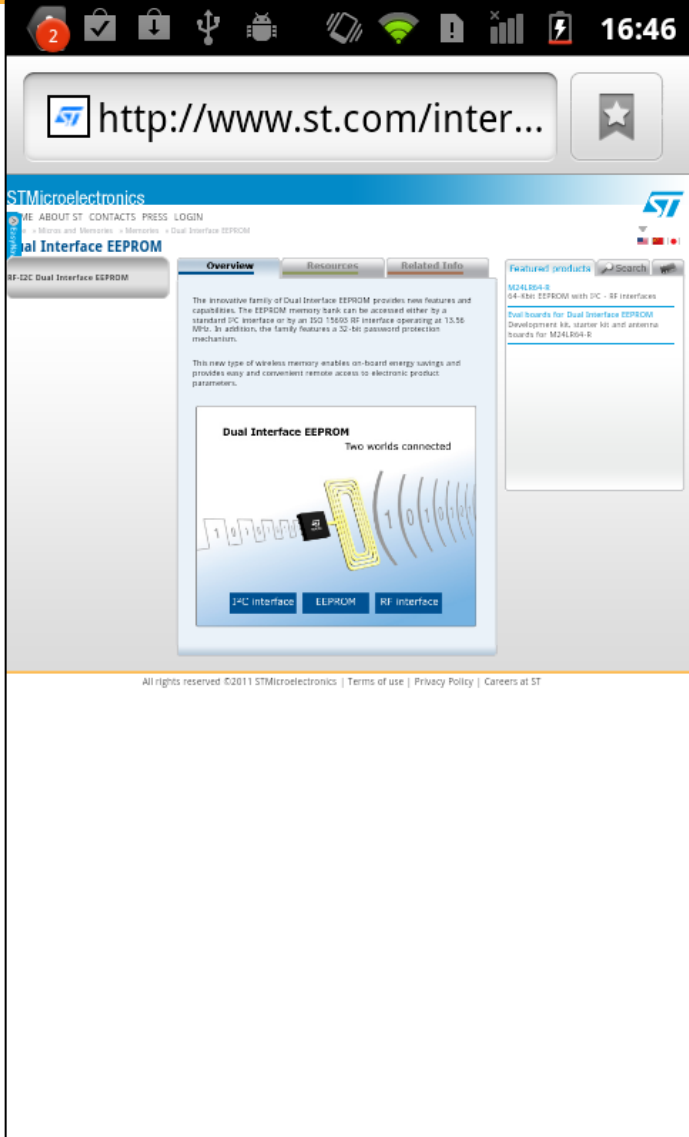
**ST** Dual interface EEPROM  
Two worlds connected

→ Place your phone close to the datalogger

Applications

[www.st.com/dualeeprom](http://www.st.com/dualeeprom)

[www.st.com/dualeeprom](http://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](http://www.st.com/dualeeprom)

Just place your phone close to the datalogger



# Datalogger App (1/3)



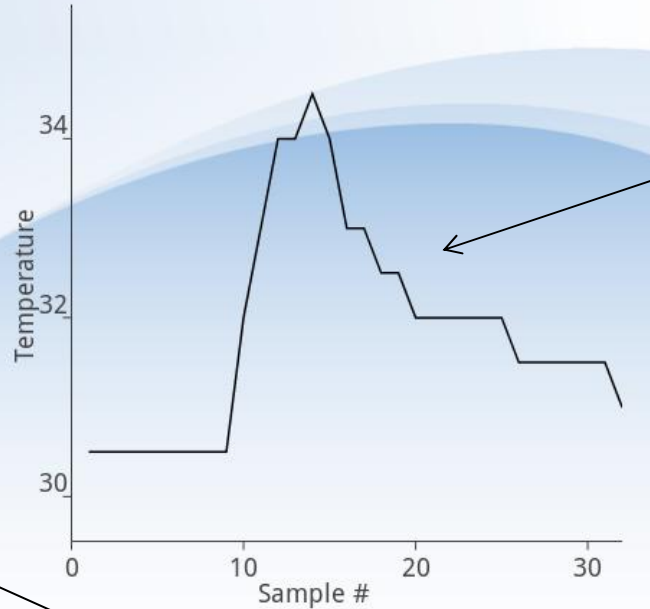
 **Dual interface EEPROM**  
Two worlds connected

Latest temperature recorded in the datalogger

 **31.0 °C**  **connected**

Dual Interface EEPROM detection status

Show graph button (refresh)

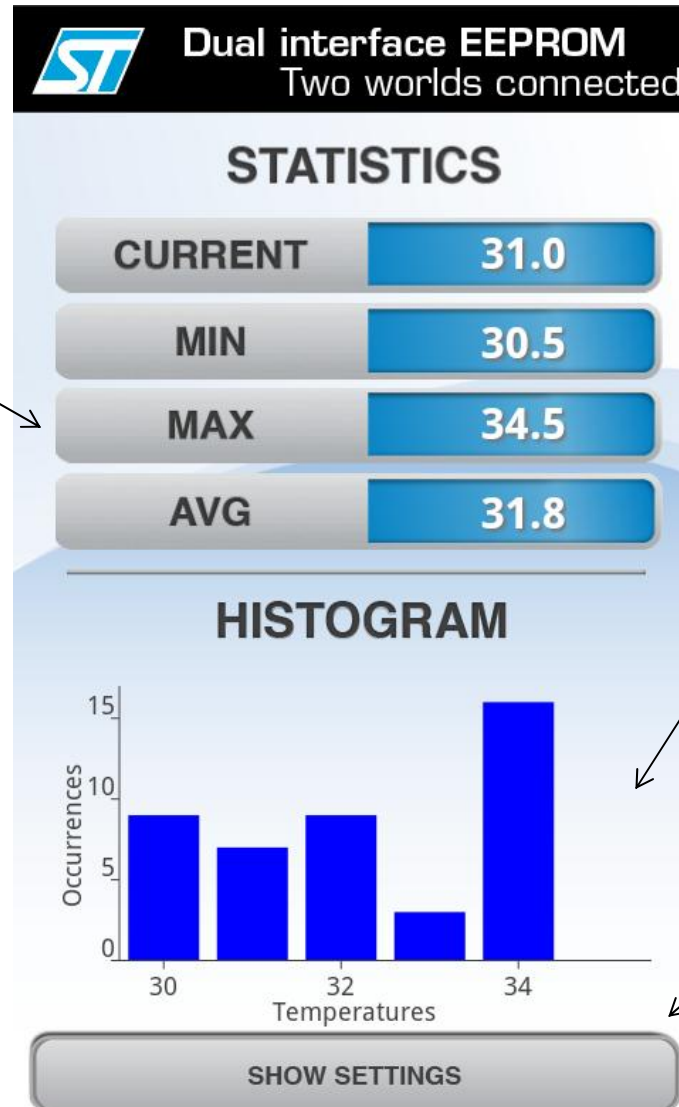


All temperature records stored in the datalogger

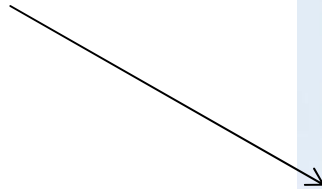
Start-Stop button

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

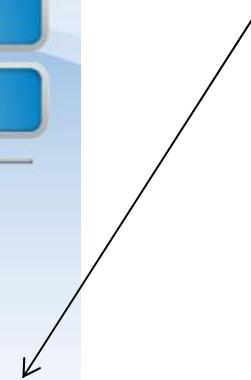
Settings and Statistics button



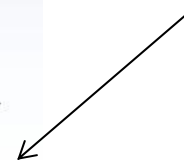
Statistics



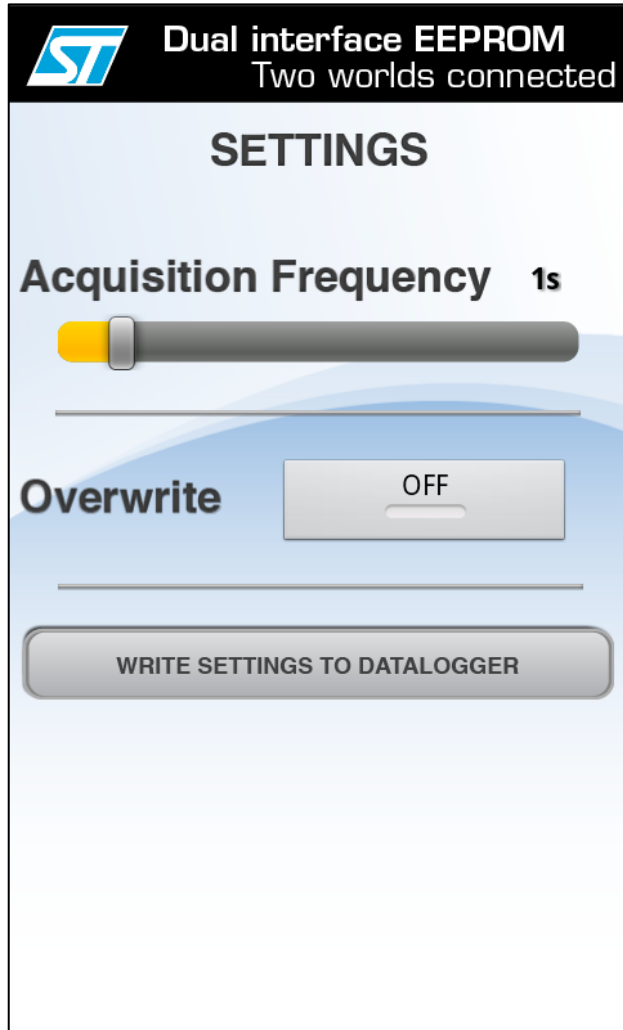
Histograms



Show Settings



# Datalogger App (3/3)



Optional menu to change datalogger settings