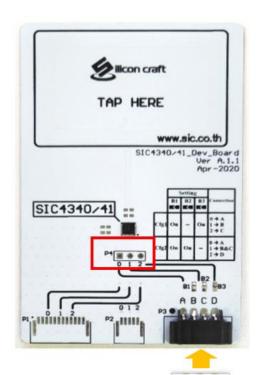




Prepare SIC4341 Flexsense Board



For Flexsense board, electrode pin position can be configured in mobile application

- WE can connect to any within the three pins (red rectangular)
 - IO[0]
 - IO[1]
 - IO[2]
- Set WE, CE, RE pins in the application (Page 4) to match with the electrode connection.



Install and open Android Application

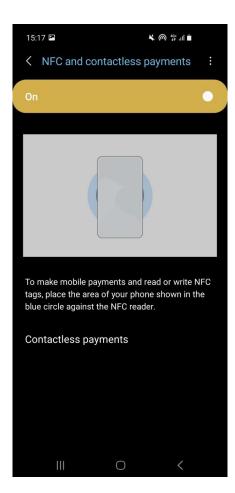


'Chemister' app on Play Store (Android)

For SIC4341 chip

1. Install Android Application from Google Play

https://play.google.com/store/apps/details?id=th.co.sic.nfc.app.flutter.chemister ver2



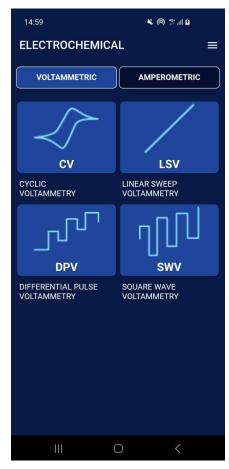
2. Turn on NFC on the phone



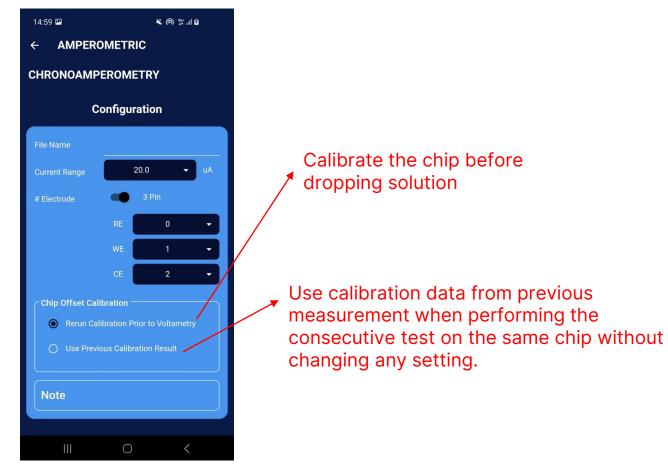
3. Launch the application



Choose measurement mode and setting



Choose the electrochemical method

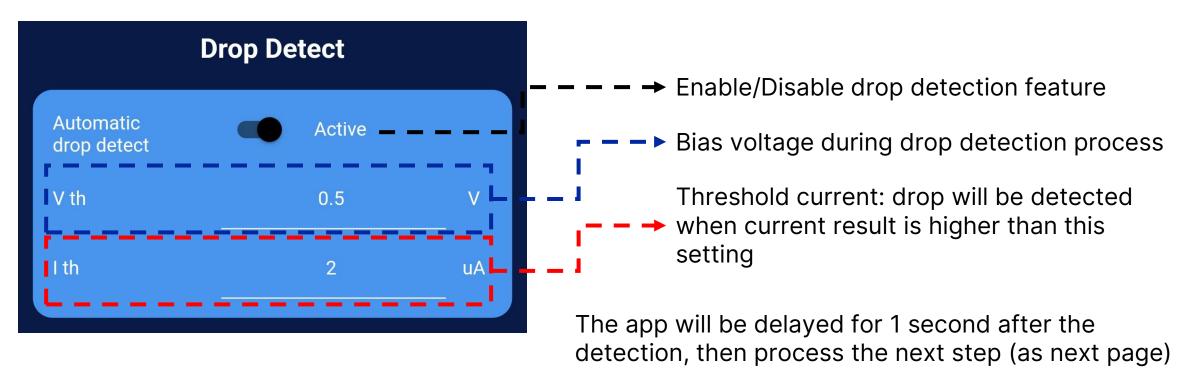


Set file name, configure the parameters and configure the pin related with electrode, Then click the "Next" button



Drop Detect Feature in Chronoamperometry Mode

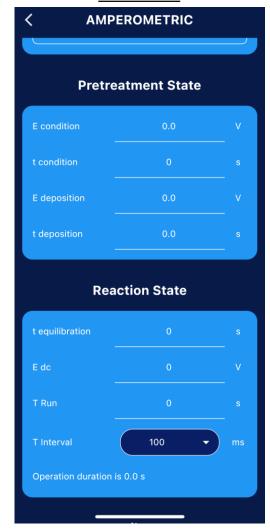
Chronoamperometry (CA) mode support auto drop detection feature to start the measurement automatically after drop sample

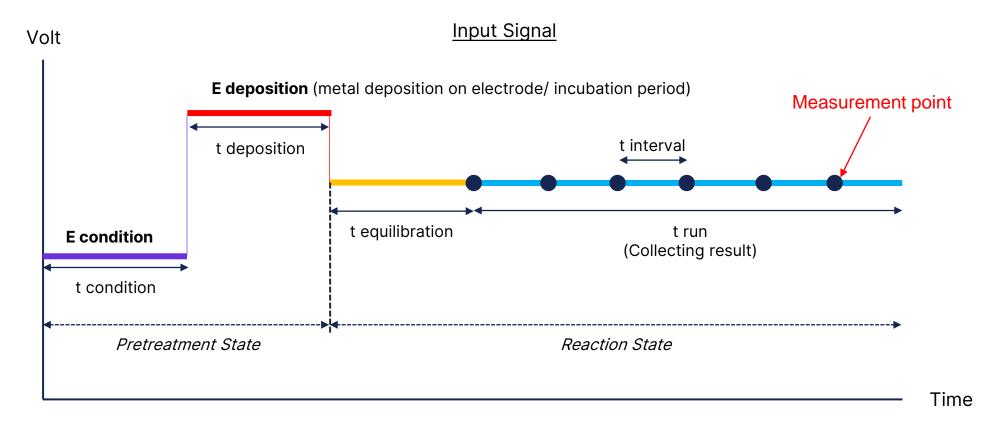




Parameter Definition - CA

CA Mode



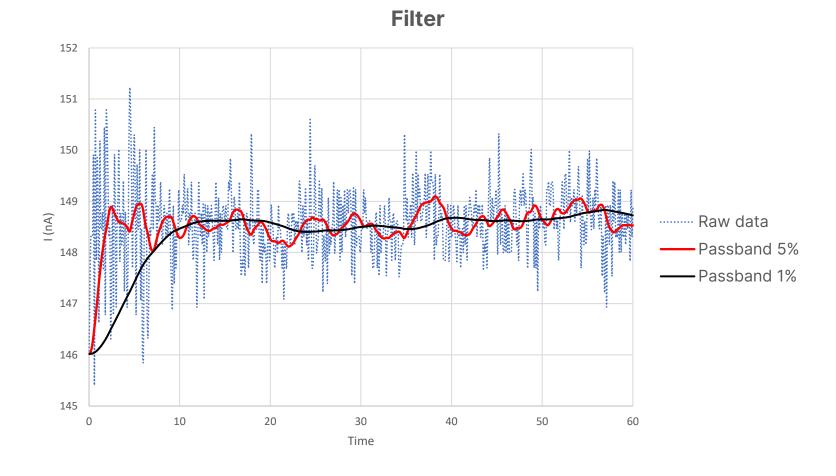




Parameter Definition - CA

CA Mode

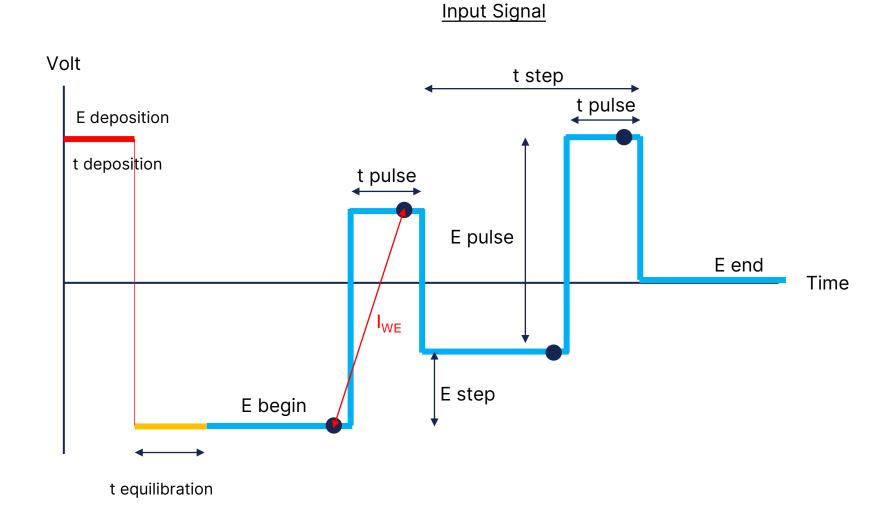






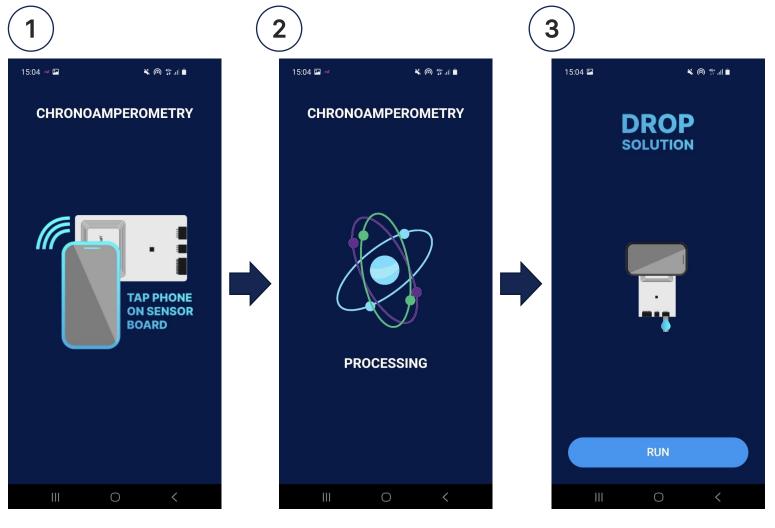
Parameter Definition - DPV







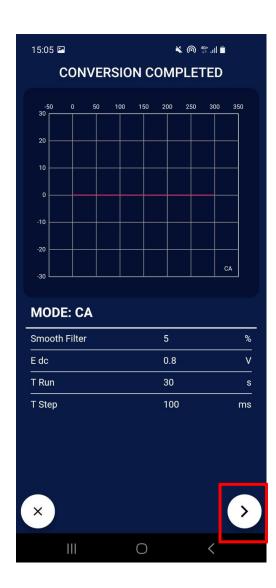
Tap phone and Drop solution



- 1. Place the phone on the card. It will vibrate when it is connected to the card.
- 2. Wait for calibration
- 3. Drop the solution, after dropping press the "RUN" button.



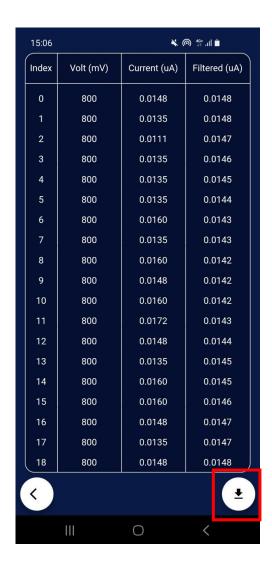
Measurement



Keep waiting until the display shows 'CONVERSION COMPLETED'. Click the "Next" button.



Save the log file



Click download button to save the log file to the phone



Open Log file

From phone

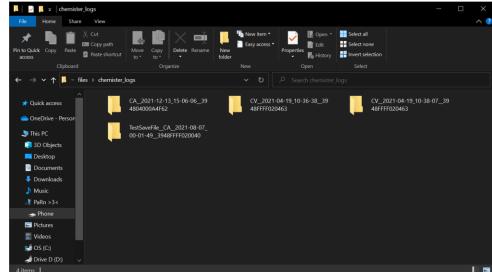


Get a log file from

'Phone\Android\data\th.co.sic.nfc.app.flutter.che mister_ver2\files\chemister_logs'

Some phones needs to be connected with PC to access this directory.

From PC





PLEASE CONTACT



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