

# G3 Applications

with Easy-to-Integrate and User Friendly Software Interface



Supported User Interface Measurements & Tests:

Audio Measurements

Multimedia Interfaces

Touch Screen & Buttons

RF (radiated)

Camera Testing & Light Sourcing

Data & Communication

Charging

User Interface & LCD



**Audio measurement**



**UI & LCD**



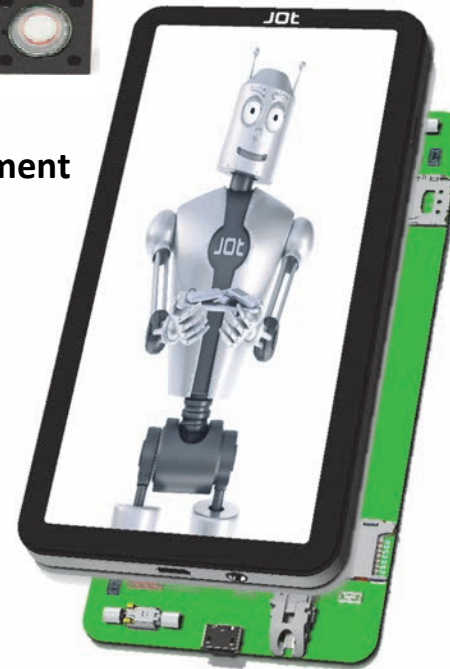
**Multimedia interfacing**



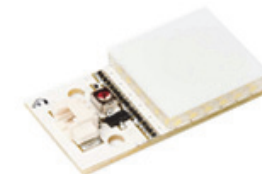
**Data & communication,  
Charging**



**Touch Screen &  
Buttons**



**RF**



**Camera testing &  
Light sourcing**

## AUDIO MEASUREMENTS

Acoustical audio / Conductive audio

Integrated measurement capability:

1. Single tone or stepped sweep mode
2. Analyses:
  - THD
  - Transfer function / Frequency response
  - Amplitude
  - FFT / Spectrum

## MULTIMEDIA INTERFACES

Functionality tests

- Embedded instruments
- Test PC

- HDMI
- AV
- DP
- USB 2.0
- USB 3.0 \*

## TOUCH SCREEN & BUTTONS

Touch screen tests

Keypad tests

Side key tests

Force and Distance \*

## CONTACT US

Please, find all the contact details from our website [www.jotautomation.com](http://www.jotautomation.com) or send an inquiry to [info@jotautomation.com](mailto:info@jotautomation.com)

## RF TESTING

GSM / WCDMA / LTE / GPS / Bluetooth / FM / WLAN

RF level measurements

Radiated coupling

Embedded RF switching

Measurements with external instruments

## CAMERA TESTING & LIGHT SOURCING

Light cube

Light sensing module

Flash light detect sensor

Ambient light source

Proximity

Autofocus \*

## DATA & COMMUNICATION

Functionality tests

Datalines to the device under test via USB

AV  
USB 2.0  
USB 3.0 \*

## CHARGING

Embedded power supply unit

Embedded battery simulator

## USER INTERFACE & DISPLAY

Display / Icon / LED tests

Display and camera tests:

- Dead pixel
- Dead row/column
- RGB color intensity
- Display backlight

Requires JOT Vision System

\* Coming in 2014



# JOT

automation