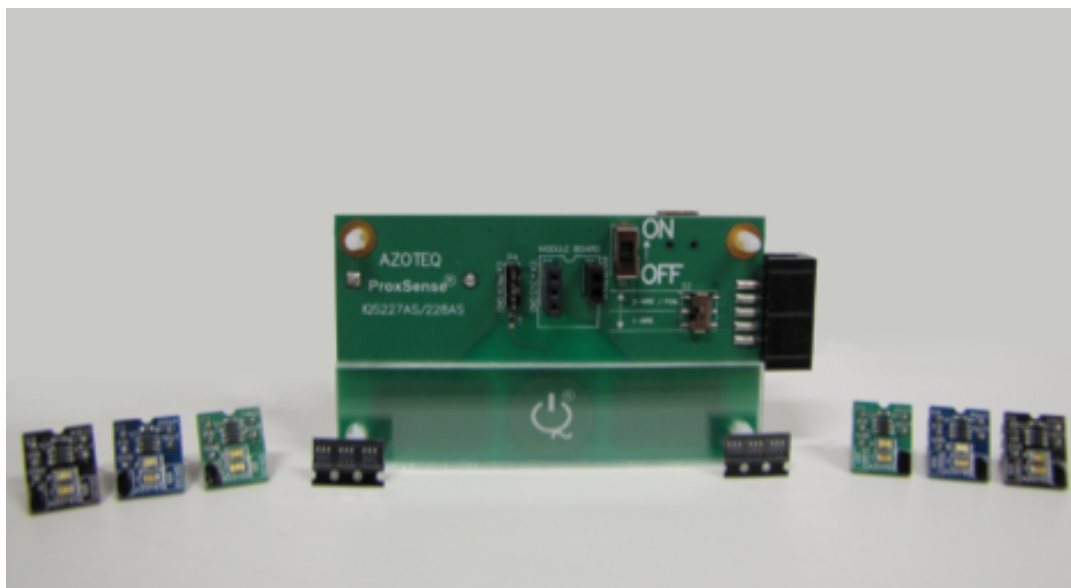




IQS227AS, IQS228AS Evaluation Kit 2



Features:

- Modular design: Mainboard with modules allow rapid prototyping
- Reference design for IQS227AS/228AS with user proximity & touch detection ability
- LEDs indicate proximity and touch
- Modes of operation:
 - Direct mode: Battery or USB powered with LED indicators for proximity and touch
 - Data Streaming Mode: Graphical user interface to view controller data.
(Requires **CT210** or **DS100**)
- In-circuit OTP programmer (requires **CT210**)
- Modules preprogrammed for touch with various overlay thicknesses
- Unprogrammed samples included

Kit contents:

- 1 x Mainboard PCB with keyed module board socket and onboard button
- 3 x IQS227AS Modules with (TSOT23-6) – Green (for 1mm overlay), Blue (for 2mm), Black (for 3mm)
- 3 x IQS228AS Modules with (TSOT23-6) – Green (for 1mm overlay), Blue (for 2mm), Black (for 3mm)
- 3 x IQS227AS ICs
- 3 x IQS228AS ICs

Documentation:

- [IQS227/8ASEV02 User Guide](#)
- [IQS227/8ASEV02 Quickstart Guide](#)

Optional: **CT210** Configuration Tool PC interface for Azoteq GUI and programming. (**DS100** for GUI only)

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Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com