



M66 GSM Module Presentation

August, 2014

Contents

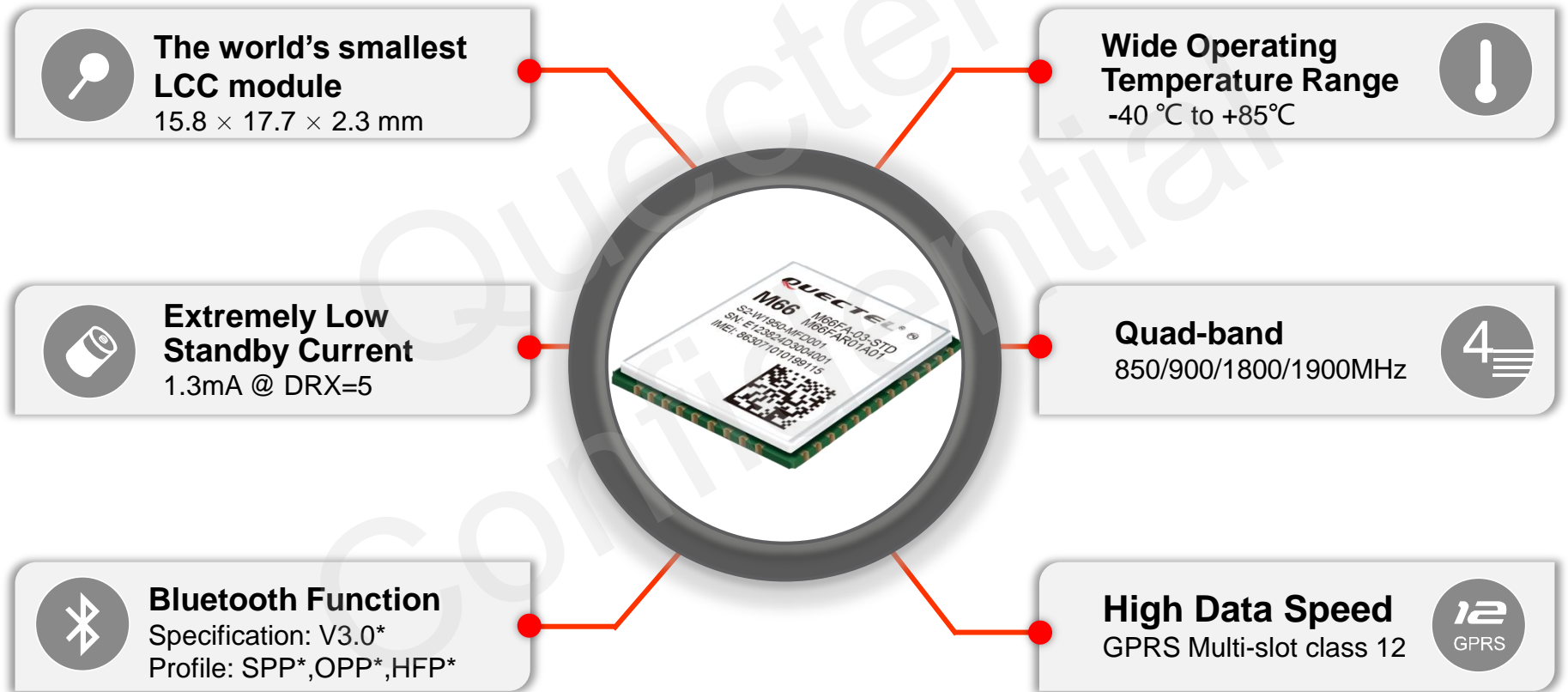
General Description

M66 Vs. Competitors' Products

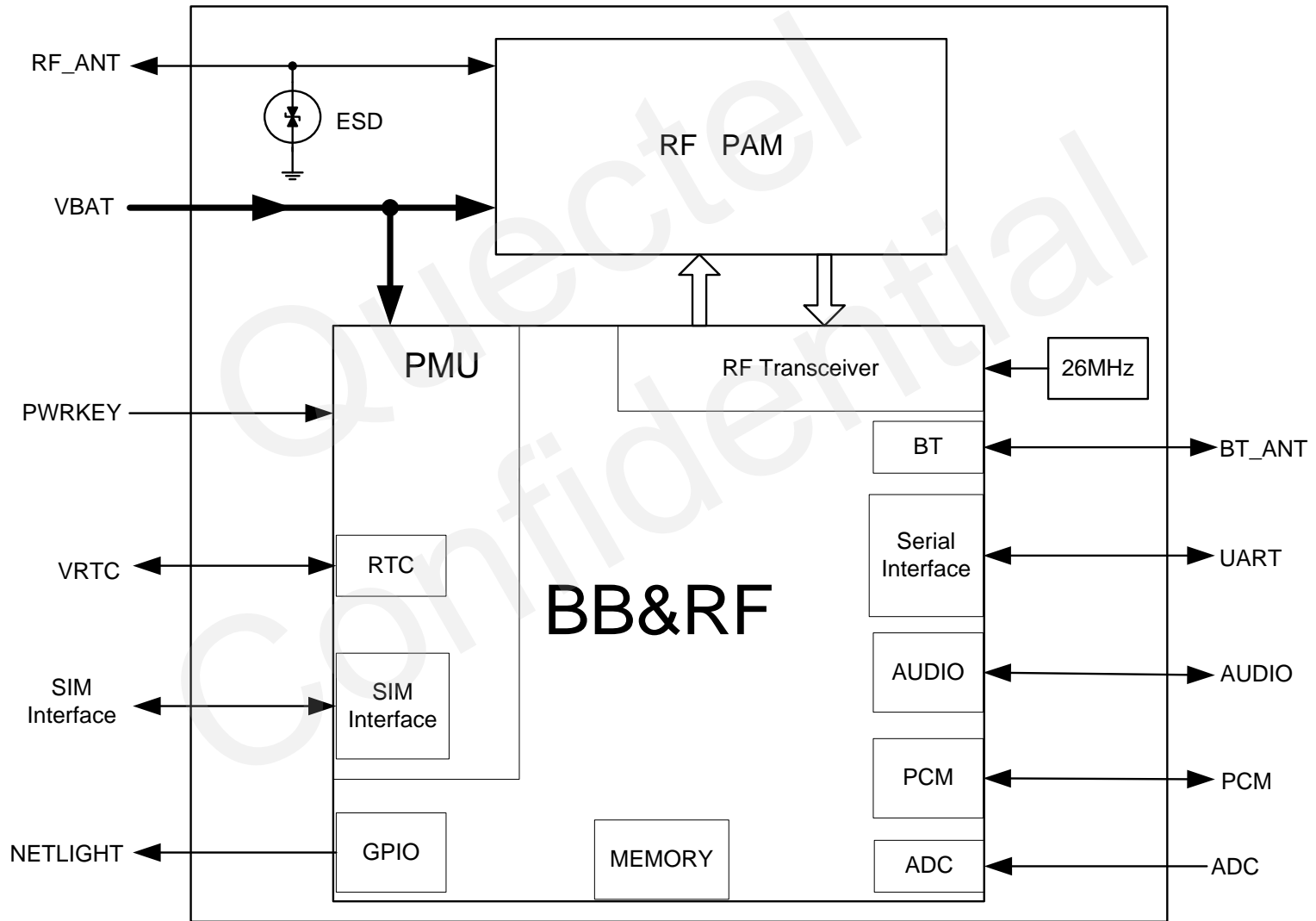
Support Package



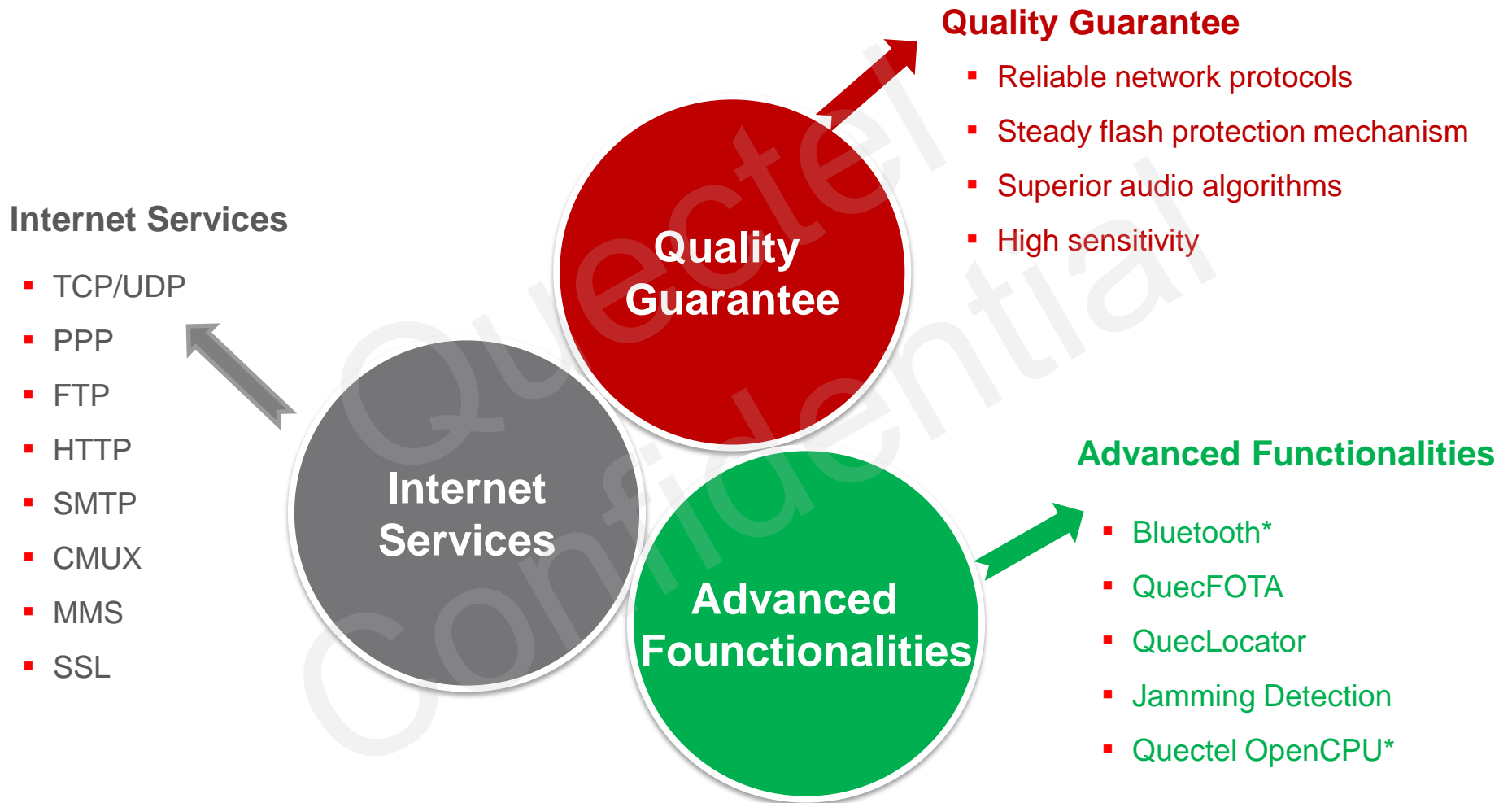
Highlights




Hardware Architecture



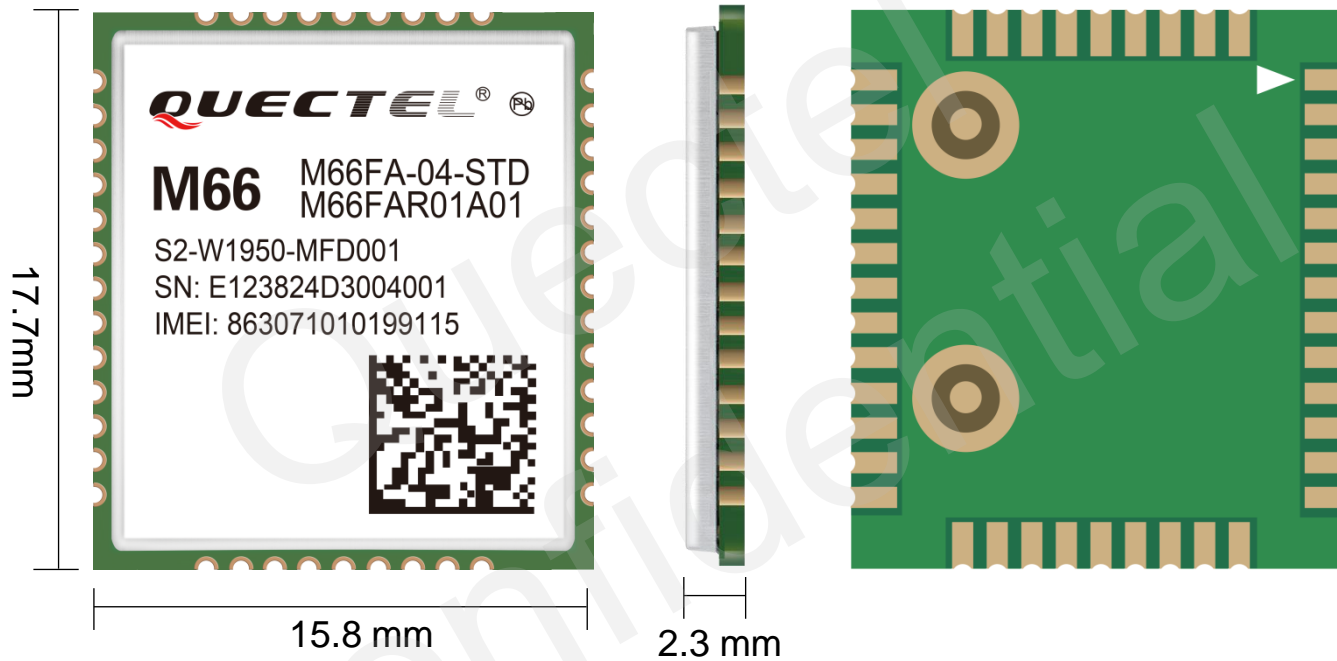
Software Advantages



Enhanced AT Commands

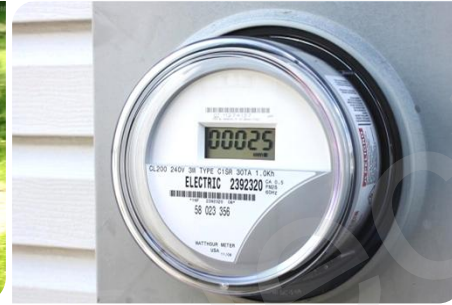
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- Standard V.25ter AT commands
 - GSM 07.07
 - GSM 07.05 (SMS)
 - GPRS AT commands in accordance with GSM 07.07
 - TCP/IP stack AT commands
 - STK (SIM Application Toolkit)
 - Quectel defined AT commands (Enhanced Functions)

Mechanical Dimensions



Length:	17.7 mm ($\pm 0.15\text{mm}$)
Width:	15.8 mm ($\pm 0.15\text{mm}$)
Height:	2.3 mm ($\pm 0.2\text{mm}$)
Weight:	Approx. 1.3g

Target Applications



Smart Metering
Wireless POS
Personal Tracking
Industrial PDA
Wearable Devices



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General Description

M66 vs. Competitors' Products

Support Package



M66 vs. Competitors' Products

M66 vs. XE866 & SIX800H & WX6318				
Product Features	M66	T-company XE866	S-company SIX800H	S-company WX6318
Size (mm)	15.8×17.7×2.3	17.2×13.2×2.1	15.8×17.8×2.4	15.05×17.85×2.5
Weight(grams)	1.3	1.5	1.35	
Package	LCC, easier soldering and production	LGA package	LGA package	LGA package
Band	Quad-Band	Quad-Band	Quad-Band	Dual-Band (GSM900/1800MHz)
GPRS Class	Class 1-12 (configurable)	Class 10	Class 1-12 (configurable)	Class 10
Sensitivity(dBm)	-109@850/900/1800/1900 MHz	-108 @ 850/900 MHz -107 @1800/1900 MHz	-108@850/900/1800/1900 MHz	-109@900/1800MHz
Audio Interface	2 output channels and 1 input channel	1 input/output channels	2 input/output channels	2 output channels and 1 input channel
PCM	Yes	Yes	Yes	Yes
Bluetooth	Yes	No	Yes	No
UART	3 (one for debug)	2 (one for debug)	1	2 (one for debug)

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M66 vs. Competitors' Products

Support Package



Technical Materials Package

Technical Materials Package

- Hardware, software, specification
- Application notes package
- Debug tool, download tool, test tool,
- EVB package
- Approvals & test report package

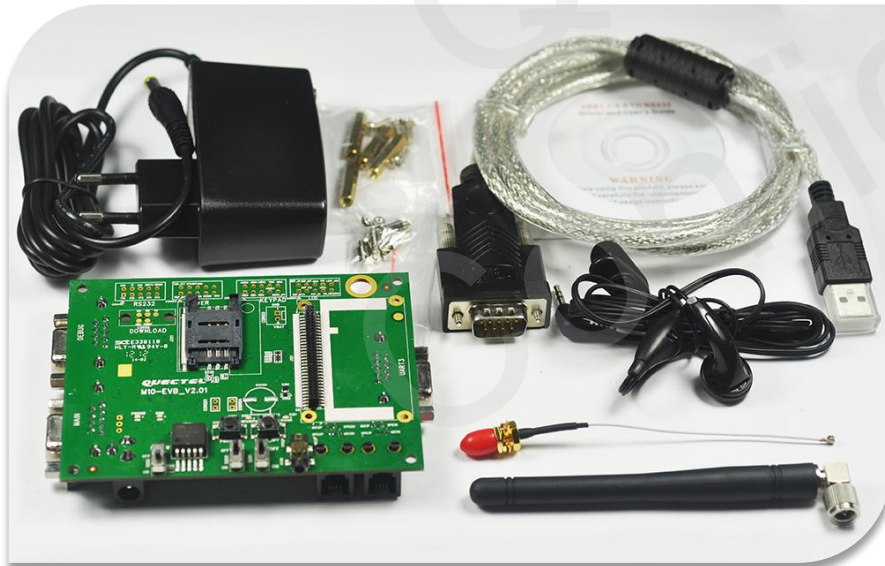
Development Tool

▪ Interfaces

- 3 RS-232 interfaces
- Power supply
- Antenna interface
- Debug UART interface
- Handset interface
- Earphone interface

▪ Feature

- Network status LED
- Power key
- Emergency off key



Q&A...

Thank you

