

# Barrot社のご紹介



## ドライバ関連ライブラリ

- GR-USB/HOST
- GR-USB/DEVICE
- GR-FILE
- GR-SD
- GR-USBマストレージ統合キット(USBメモリ オールインワンパッケージ)



## コード関連ライブラリ

- GR-QR ENCODER and DECODER
- GR-BARCODE ENCODER and DECODER
- GR-DataMatrix ENCODER and DECODER
- GR-GS1 Databar ENCODER and DECODER
- GR-PDF417 ENCODER
- GR-Aztec ENCODER



# 会社概要

## BARROT Offices & Team



### Beijing office

A1009, Tower A, Gem Techcenter, No.9  
Shangdi 3<sup>rd</sup> Street, Haidian District,  
Beijing



### Shanghai office

304-1, Building 1, 690#, Bibo road, Pudong  
New District, Shanghai



### Shenzhen office

5<sup>th</sup> Floor, Tower 1, COFCO business park,  
district 67, Xingdong community, Xin'an street,  
Bao'an District, Shenzhen



### Chongqing office

1<sup>st</sup> Floor, Building B1-1, No. 99 Shujugu  
zhong road, Xiantao Street, Yubei District,  
Chongqing



### Manufacturing Center

Fuqingshan Building 14, Tangtou 3<sup>rd</sup> Industrial Zone  
Shiyan Street, Bao'an District, Shenzhen



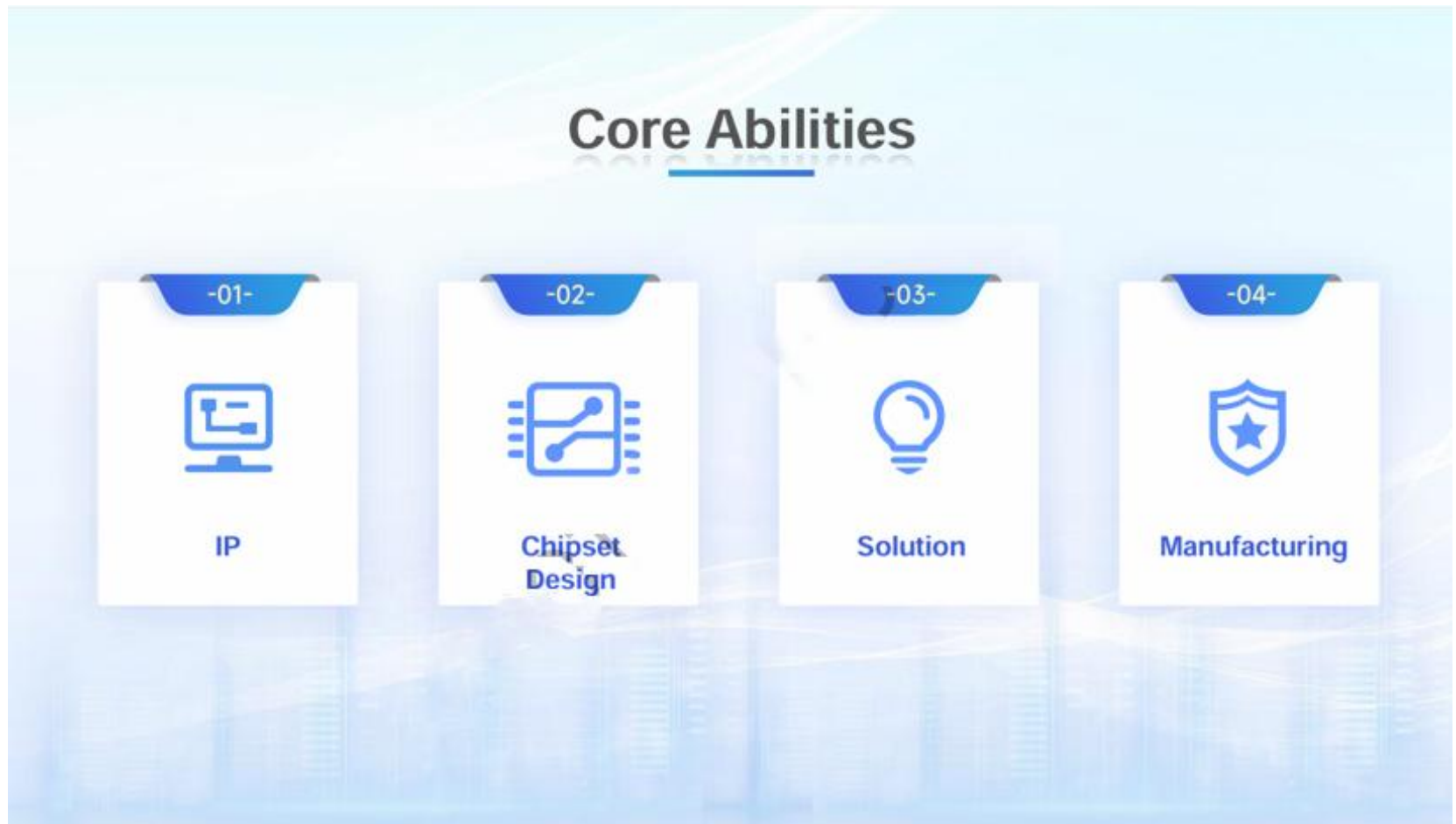
### Beijing, Shanghai, Chongqing team (100+ staff)



### Shenzhen team (150+ staff)

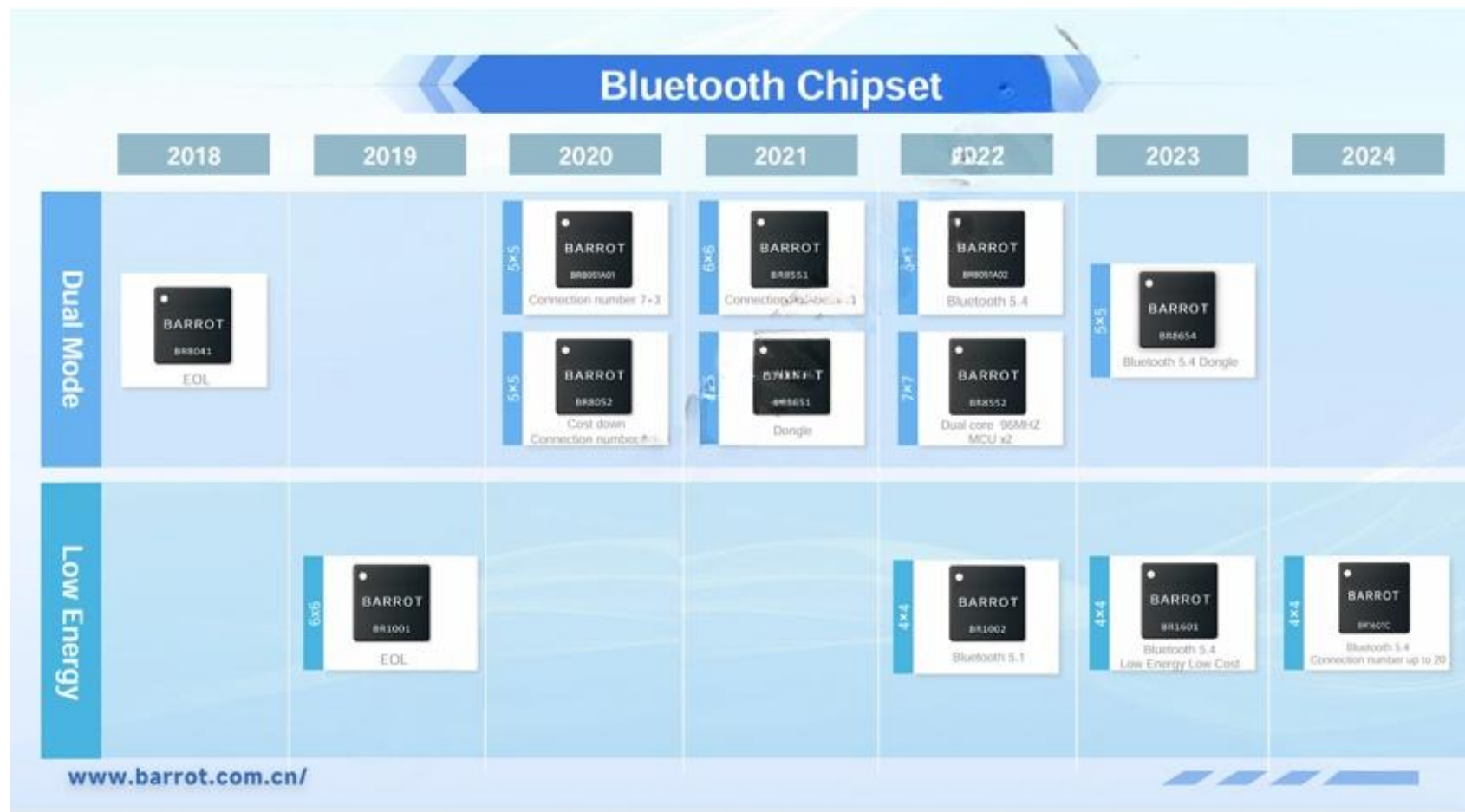
# 事業分野

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# チップセット ラインナップ



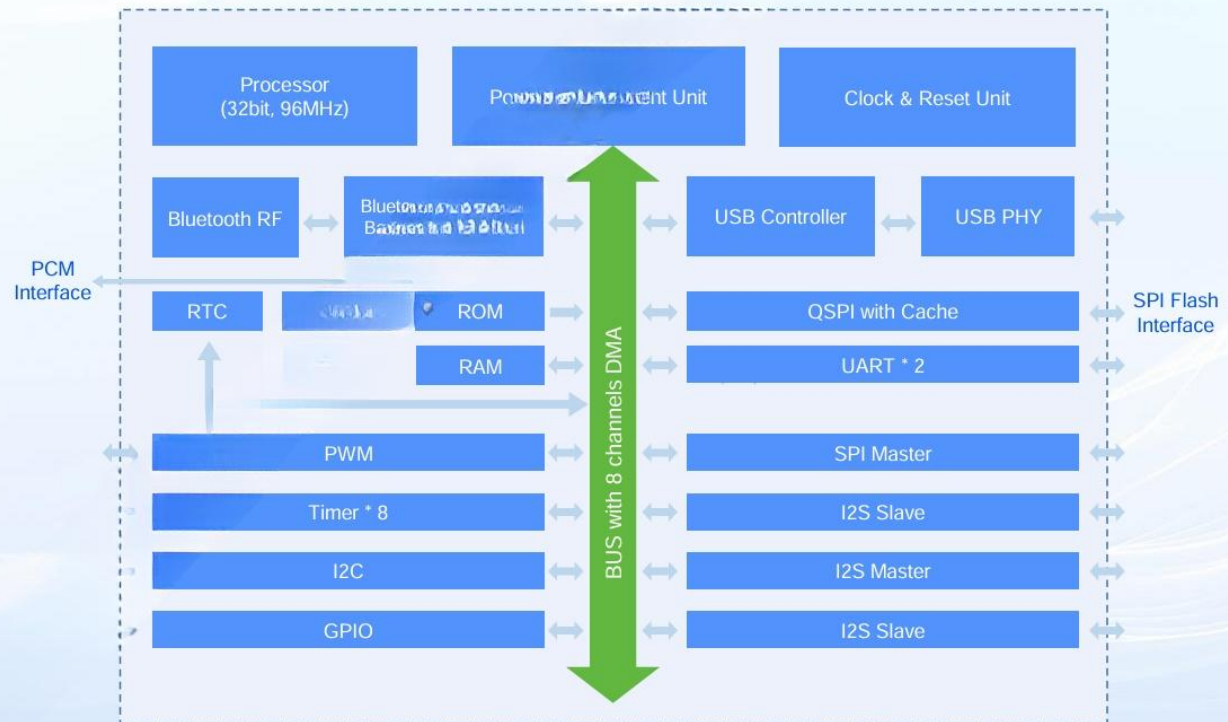
# Bluetooth Module Matrix

Bluetooth Modules Matrix					
	Bluetooth 5.0	Bluetooth 5.1	Bluetooth 5.2	Bluetooth 5	Bluetooth 5.4
SoC		 <b>i480e</b> <sup>2</sup> <ul style="list-style-type: none"> <li>CSR8670</li> <li>13.7x21.3x1.7mm</li> <li>Dual MIC</li> </ul>			 <b>i1662e-s</b> <sup>A 1</sup> <ul style="list-style-type: none"> <li>RTL8762</li> <li>13.7x16.6x2.5mm</li> <li>Long Range</li> </ul>  <b>i1647e-s</b> <sup>A 1</sup> <sup>Y25</sup> <ul style="list-style-type: none"> <li>KW47</li> <li>UART, CAN, LIN, SPI</li> <li>SE</li> <li>CS</li> </ul>
		 <b>i1121e-s</b> <ul style="list-style-type: none"> <li>QCC3021</li> <li>19.8x14.8x3.2mm</li> <li>UART, USB</li> <li>Single MIC</li> </ul>			 <b>i1581e-s</b> <sup>3</sup> <ul style="list-style-type: none"> <li>QCA5181</li> <li>21.3x13.7x1.7mm</li> <li>Dual MIC</li> <li>LE Audio</li> </ul>
HCI (Software ECNR algorithm or hardware DSP)	 <b>i1551-s</b> <sup>2</sup> <ul style="list-style-type: none"> <li>BR8051A01</li> <li>15x12x1.8mm</li> </ul>		 <b>i1171-se</b> <sup>2</sup> <ul style="list-style-type: none"> <li>CSR8670</li> <li>15x12x2.1mm</li> </ul>	 <b>i1571-s</b> <sup>2</sup> <ul style="list-style-type: none"> <li>CYW20713</li> <li>10x10x1.9mm</li> </ul>	 <b>i1552-s</b> <sup>2</sup> <ul style="list-style-type: none"> <li>BR8051A12</li> <li>10x10x2.6mm</li> </ul>  <b>i1572-s</b> <sup>2</sup> <ul style="list-style-type: none"> <li>CYW89072</li> <li>10x10x1.9mm</li> </ul>
					 <b>i1595-s</b> <sup>3</sup> <sup>Y25Q3</sup> <ul style="list-style-type: none"> <li>QCA8695</li> <li>14x18mm</li> </ul>  <b>i1531-s</b> <sup>3</sup> <sup>Y25Q3</sup> <ul style="list-style-type: none"> <li>CYW88310</li> <li>14x18mm</li> </ul>
<sup>1</sup> Supported Bluetooth profile: ATT, GATT <sup>2</sup> Supported Bluetooth profile: HFP (HF unit), HSP, PBAP, FTP, OPP, MAP, A2DP (SNK/SRC), AVRCP, HID, DUN, PAN, iAP2, ANCS, ATT, GATT <sup>3</sup> Supported Bluetooth profile: HFP (HF unit), HSP, PBAP, FTP, OPP, MAP, A2DP (SNK/SRC), AVRCP, HID, DUN, PAN, iAP2, ANCS, ATT, GATT, LE Audio					
<sup>A</sup> Automotive <sup>Planning</sup> Planning, not released Note: UART is supported by default					

# Bluetooth Dual Mode Module

- Support Bluetooth v5.4
- High integration
- Flexible configuration of working mode: SOC or HCI
- Rich IO interfaces
- Multiple connections
- Multiple protocols
- Flexibility
- Support OTA

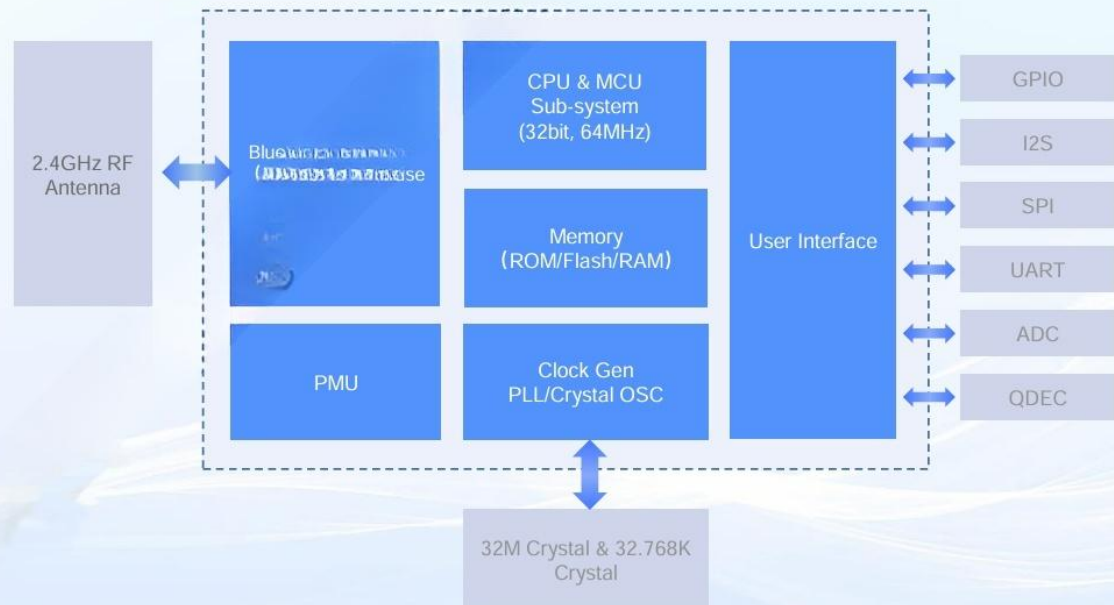
## Bluetooth Dual Mode Architecture



# Bluetooth Low Energy Module

## Low Energy Bluetooth SoC Architecture

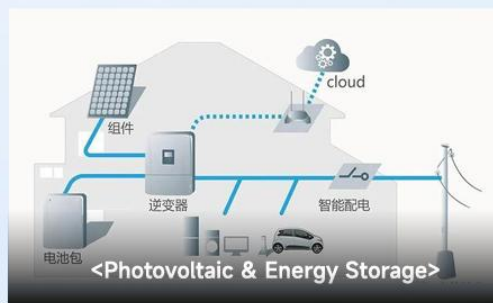
- Support Bluetooth v5.4
- Compatible with 2.4G proprietary protocol
- High integration
- Simple BOM
- Rich IO interfaces
- Multiple connections
- Multiple protocols
- Flexibility
- Support OTA





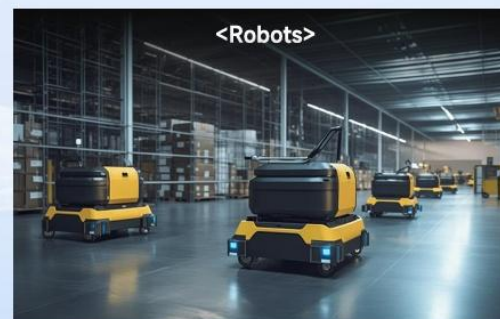
# 採用事例

## Industrial Applications



# 採用事例

## Industrial Applications



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# 車載OEM



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