A picture containing text, screenshot, number, font

Description automatically generated

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **IFS\_OFFDAC** | **TIA GAIN (RF) (KOhm) (KOhm)** | | | | | | | | | |
| 10 | 25 | 50 | 166 | 200 | 250 | 500 | 1000 | 1500 | 2000 |
| **1X mode** | - | - | 21 | 43 | 71 | 85 | 107 | 213 | 427 | 640 |
| **2X mode** | - | 21 | 43 | 85 | 142 | 171 | 213 | 427 | 853 | 853 |
| **4X mode** | - | 43 | 85 | 171 | 283 | 341 | 427 | 853 | - | - |
| **8X mode** | 34 | 85 | 171 | 341 | 567 | 683 | 853 | - | - | - |
| **16X mode** | 68 | 171 | 341 | 683 | 1133 | 1365 | - | - | - | - |

| **STT** | **Ký hiệu chữ viết tắt** | **Chữ viết đầy đủ** |
| --- | --- | --- |
| 1 | PPG | Photoplethysmography |
| 2 | BLE | Bluetooth low energy |
| 3 | SoC | System on chip |
| 4 | IoT | Internet of Things |
| 5 | API | Application Programming Interface |
| 6 | L2CAP | Logical Link Control & Adaptation Protocol |
| 7 | SMP | Security Manager Protocol |
| 8 | ATT | Attribute Protocol |
| 9 | GATT | Generic Attribute Profile |
| 10 | GAP | Generic Access Profile |
| 11 | PHY | Physical Layer |
| 12 | LL | Link Layer |
| 13 | LED | light-emitting diode |
| 14 | ADC | Analog-to-Digital Converter |
| 15 | FIFO | First in, First out |
| 16 | TIA | Trans-inpedance Amplifier |
| 17 | SPI | Serial Peripheral Interface |
| 18 | I2C | Inter – Integrated Circuit |
| 19 | DAC | Digital-to-Analog Converter |
| 20 | PRF | pulse repetition frequency |
| 21 | AACM | Automatic Ambient Cancellation Mode |
| 22 | PD | Photodiode |
| 23 | MCU | Micro Controller Unit |
| 24 | UUID | Universally Unique IDentifier |
| 25 | BREDR | Basic Rate/Enhanced Data Rate |

A screenshot of a computer

Description automatically generated with medium confidence

|  |  |
| --- | --- |
| **Sai biệt điện thế tại ngõ vào ADC** | **Giá trị ADC 24-bit** |
| -FS | 111000000000000000000000 |
| (-FS/221) | 111111111111111111111111 |
| 0 | 000000000000000000000000 |
| (FS/221) | 000000000000000000000001 |
| FS | 000111111111111111111111 |

A screenshot of a computer

Description automatically generated with low confidence

|  |  |  |
| --- | --- | --- |
| **Thanh ghi điều khiển thiết lập chế độ** | | |
| **Chế độ** | **Giá trị IFS\_OFFDAC** | **Dải dòng điện** |
| 1X mode | 000 |  |
| 2X mode | 001 |  |
| 4X mode | 011 |  |
| 8X mode | 101 |  |
| 16X mode | 111 |  |