

# Attribute table: HOGP req. services

0x2800=Primary Service  
0x2801=Secondary Service  
0x2802=Include  
0x2803=Characteristic

## Legend, properties

- ↑ Notification
- ↑ Read
- ↓ Write
- ↓ WriteNoRsp

Battery service

Scan Param. Service

HID Service

| Handle | Uuid   | Uuid Description                    | Value                                                             |  |
|--------|--------|-------------------------------------|-------------------------------------------------------------------|--|
| 0x0023 | 0x2800 | GATT Primary Service Declaration    | 0F:18                                                             |  |
| 0x0024 | 0x2803 | GATT Characteristic Declaration     | 12:25:00:19:2A                                                    |  |
| 0x0025 | 0x2A19 | Battery Level                       | 00                                                                |  |
| 0x0026 | 0x2902 | Client Characteristic Configuration | 9E:00                                                             |  |
| 0x0027 | 0x2908 | Report Reference                    | 04:01                                                             |  |
| 0x0028 | 0x2800 | GATT Primary Service Declaration    | 13:18                                                             |  |
| 0x0029 | 0x2803 | GATT Characteristic Declaration     | 04:2A:00:4F:2A                                                    |  |
| 0x002A | 0x2A4F | Scan Interval Window                |                                                                   |  |
| 0x002B | 0x2803 | GATT Characteristic Declaration     | 10:2C:00:31:2A                                                    |  |
| 0x002C | 0x2A31 | Scan Refresh                        |                                                                   |  |
| 0x002D | 0x2902 | Client Characteristic Configuration | 9E:00                                                             |  |
| 0x002E | 0x2800 | GATT Primary Service Declaration    | 12:18                                                             |  |
| 0x002F | 0x2802 | GATT Include Declaration            | 23:00:27:01:0F:18                                                 |  |
| 0x0030 | 0x2803 | GATT Characteristic Declaration     | 02:31:00:4A:2A                                                    |  |
| 0x0031 | 0x2A4A | HID Information                     |                                                                   |  |
| 0x0032 | 0x2803 | GATT Characteristic Declaration     | 04:33:00:4C:2A                                                    |  |
| 0x0033 | 0x2A4C | HID Control Point                   |                                                                   |  |
| 0x0034 | 0x2803 | GATT Characteristic Declaration     | 06:35:00:4E:2A                                                    |  |
| 0x0035 | 0x2A4E | Protocol Mode                       |                                                                   |  |
| 0x0036 | 0x2803 | GATT Characteristic Declaration     | 02:37:00:4B:2A                                                    |  |
| 0x0037 | 0x2A4B | Report Map                          | 05:01:09:02:A1:01:85:01:09:01:A1:00:05:09:19:01:29:03:15:00:25:01 |  |
| 0x0038 | 0x2907 | External Report Reference           | 19:2A                                                             |  |
| 0x0039 | 0x2803 | GATT Characteristic Declaration     | 12:3A:00:4D:2A                                                    |  |
| 0x003A | 0x2A4D | Report                              |                                                                   |  |
| 0x003B | 0x2902 | Client Characteristic Configuration | 9E:00                                                             |  |
| 0x003C | 0x2908 | Report Reference                    | 01:01                                                             |  |
| 0x003D | 0x2803 | GATT Characteristic Declaration     | 12:3E:00:4D:2A                                                    |  |
| 0x003E | 0x2A4D | Report                              |                                                                   |  |
| 0x003F | 0x2902 | Client Characteristic Configuration | 9E:00                                                             |  |
| 0x0040 | 0x2908 | Report Reference                    | 02:01                                                             |  |
| 0x0041 | 0x2803 | GATT Characteristic Declaration     | 12:42:00:4D:2A                                                    |  |
| 0x0042 | 0x2A4D | Report                              |                                                                   |  |
| 0x0043 | 0x2902 | Client Characteristic Configuration | 9E:00                                                             |  |
| 0x0044 | 0x2908 | Report Reference                    | 03:01                                                             |  |
| 0x0045 | 0x2803 | GATT Characteristic Declaration     | 0E:46:00:4D:2A                                                    |  |
| 0x0046 | 0x2A4D | Report                              |                                                                   |  |
| 0x0047 | 0x2908 | Report Reference                    | 00:02                                                             |  |
| 0x0048 | 0x2803 | GATT Characteristic Declaration     | 12:49:00:22:2A                                                    |  |
| 0x0049 | 0x2A22 | Boot Keyboard Input Report          |                                                                   |  |
| 0x004A | 0x2902 | Client Characteristic Configuration | 9E:00                                                             |  |
| 0x004B | 0x2803 | GATT Characteristic Declaration     | 0E:4C:00:32:2A                                                    |  |
| 0x004C | 0x2A32 | Boot Keyboard Output Report         |                                                                   |  |
| 0x004D | 0x2803 | GATT Characteristic Declaration     | 12:4E:00:33:2A                                                    |  |
| 0x004E | 0x2A33 | Boot Mouse Input Report             |                                                                   |  |
| 0x004F | 0x2902 | Client Characteristic Configuration | 9E:00                                                             |  |
| 0x0050 | 0x2803 | GATT Characteristic Declaration     | 0A:51:00:4D:2A                                                    |  |
| 0x0051 | 0x2A4D | Report                              |                                                                   |  |
| 0x0052 | 0x2908 | Report Reference                    | 00:03                                                             |  |

value handle, 2 Byte

battery service UUID

characteristic UUID, 2 to 16Byte

0x12=0x02|0x10=read|notify characteristic properties 1Byte

0x0001 0x0002 I know, but this value means what?

include Battery Service

refer to Battery Level

keyboard mouse CC Report ID

IN OUT Feature Report type

to be continued

Info about Host scanning behaviour

Request from RC about Host scan info

HID version, country code, remote wake

Host is suspending/waking

Boot mode or Report mode

USB HID Report Descriptor

HID Mouse IN

HID Keyboard IN

HID Consumer Control IN

HID LED OUT

Boot Keyboard IN

Boot Keyboard OUT

Boot Mouse IN

Feature report

IN = To host  
OUT = To device