Format Types

***Bluetooth*® Document**

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Format Types

Format	Short Name	Description	Exponent Value
0x00	rfu	Reserved for future use	No
0x01	boolean	unsigned 1-bit; 0=false, 1=true	No
0x02	2bit	unsigned 2-bit integer	No
0x03	nibble	unsigned 4-bit integer	No
0x04	uint8	unsigned 8-bit integer	Yes
0x05	uint12	unsigned 12-bit integer	Yes
0x06	uint16	unsigned 16-bit integer	Yes
0x07	uint24	unsigned 24-bit integer	Yes
0x08	uint32	unsigned 32-bit integer	Yes
0x09	uint48	unsigned 48-bit integer	Yes
0x0A	uint64	unsigned 64-bit integer	Yes
0x0B	uint128	unsigned 128-bit integer	Yes
0x0C	sint8	signed 8-bit integer	Yes
0x0D	sint12	signed 12-bit integer	Yes
0x0E	sint16	signed 16-bit integer	Yes
0x0F	sint24	signed 24-bit integer	Yes
0x10	sint32	signed 32-bit integer	Yes
0x11	sint48	signed 48-bit integer	Yes
0x12	sint64	signed 64-bit integer	Yes
0x13	sint128	signed 128-bit integer	Yes
0x14	float32	IEEE-754 32-bit floating point	No
0x15	float64	IEEE-754 64-bit floating point	No
0x16	SFLOAT	IEEE-11073 16-bit SFLOAT	No
0x17	FLOAT	IEEE-11073 32-bit FLOAT	No
0x18	duint16	IEEE-20601 format	No
0x19	utf8s	UTF-8 string	No
0x1A	utf16s	UTF-16 string	No
0x1B	struct	Opaque structure	No
0x1C-0xFF	rfu	Reserved for Future Use	No