

| Maxiecu Interface   |  |  |
|---|--|--|
|  | Premiere:  | 08-2020  |
|   | EAN:   | 5903738794430  |
|   | FCC:   | 2A3CS4GENBTM   |
|   | Manufacturer's designation:  | 4Gen_BTМ   |
|   | Additional information:  | trademark protection<br>industrial design protection |
| Technical parameters  |  |  |
| Supply voltage  | 8 – 16V  |  |
| Maximum current consumption   | 100 mA   |  |
| Working temperature   | 0°C to +50°C   |  |
| Storage temperature   | from -20°C to 60°C   |  |
| Working humidity  | 10% to 80%   |  |
| Multiplexer   | fully electronic, 13 double data bus lines   |  |
| Support for EOBD protocols  | ISO14230,<br>ISO9141,<br>ISO15765,<br>SAE J1850  |  |
| Support for service protocols   | Honda HDS, BMW D-CAN, K-CAN, DS2, KW1281, KW71, KW82 Chrysler<br>SCI, VAG T.P.2.0/1.6, UDS, ALDL, SCL, DDL, SCI  |  |
| Standards of EMC electromagnetic compatibility:                                   | EN 55022, EN 55014-1, EN 55011, IEC 61000-3-2, EN 61000-3-3,<br>EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6,<br>EN 61000-4-7, EN 61000-4-8, EN 61000-4-11           |  |
| Processor   | Xtensa® two-core 32 bit  |  |
| Connectivity - Wifi   | Compatible with 802.11 b/g/n standard<br>Maximum transmission speed up to 150 Mbps   |  |
| Connectivity - Bluetooth  | Compatible with Bluetooth v4.2 BR/EDR and BLE specification<br>Class-1, class-2 and class-3<br>Transmission power +12 dBm<br>Sensitivity - 94 dBm<br>Maximum transmission speed up to 4 Mbps |  |
| Comparison of basic interface parameters  |  |  |
|   | 3 <sup>rd</sup> Gen. MaxiEcu (MPM)   | 4 <sup>th</sup> Gen. MaxiEcu (BTM)                   |
| Processor   | Single-core 32-bit 1x50Mhz   | Dual-core 32-bit 2x240MHz                            |
| Data Memory   | 1 Mb   | 64 Mb  |
| Operational Memory  | 64 Kb  | 4160 Kb  |
| WIFI  | Option (802.11 b/g, 54 Mbps)   | Standard (802.11 b/g/n, 150 Mbps)                    |
| Bluetooth   | Option (Version 2.0)   | Standard (Version 4.2)                               |
| Semiconductor Multiplexer   | NO   | YES  |
| Maximum number of queries per sec.  | 20   | 40   |
| Support for the UART bus  | NO   | YES  |
| Diagnostics of the OBD-2 connector  | NO   | YES  |
| DDL protocol Support (Nissan)   | NO   | YES  |
| SCI protocol support (Chrysler)   | NO   | YES  |
| SDL protocol support (Suzuki)   | NO   | YES  |
| ALDL protocol support (GM)  | NO   | YES  |