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| ***COMPILER*** | | |
| **Operator** | **Release Date(DD/MM/YYYY)** | | |
| Nageswara Reddy Tindi | 02/05/2019 | | |
| ***OBJECT REF*** | | |
| **Node Name** | **Reference Specification** | | |
| ESP9.3 | Flash Bootloader.docx | | |
| ***RESULTS*** | | |
| **Test Environment** | ⚫ Bench 🔿Vehicle 🔿 Other | |
| **Execution Mode** | 🔿 Automatic 🔿Manual ⚫ Partially automatic | |
| **Programming Step** | **Test Data** | **Analysis** |
| Extended session | 780 02 10 03 00 00 00 00 00  788 06 50 03 00 32 01 F4 00 | OK |
| Security authentication | 780 02 27 01 00 00 00 00 00  788 06 67 01 99 90 D7 76 00  780 06 27 02 9E 17 1F F1 00  788 02 67 02 00 00 00 00 00 | OK |
| Read Data By Identifier | 780 03 22 F1 8A 00 00 00 00  788 10 0A 62 F1 8A 53 30 36  780 30 00 00 00 00 00 00 00  788 21 32 30 32 20 00 00 00  780 03 22 F0 89 00 00 00 00  788 10 0B 62 F0 89 00 00 0C  780 30 00 00 00 00 00 00 00  788 21 0C 0C 00 00 00 00 00  780 03 22 F1 89 00 00 00 00  788 10 0B 62 F1 89 00 00 0E  780 30 00 00 00 00 00 00 00  788 21 0E 0E 00 00 00 00 00 | OK |
| Programming pre condition check | 780 04 31 01 02 03 00 00 00  788 04 71 01 02 03 00 00 00 | OK |
| Extended session | 780 02 10 83 00 00 00 00 00 | OK |
| Control DTC Setting | 780 02 85 82 00 00 00 00 00 | OK |
| Communication Control | 780 03 28 83 03 00 00 00 00 | OK |
| Programming session | 780 02 10 02 00 00 00 00 00  788 06 50 02 00 32 01 F4 00 | OK |
| Security authentication | 780 02 27 01 00 00 00 00 00  788 06 67 01 A5 42 01 59 00  780 06 27 02 9E 17 1F F1 00  788 02 67 02 00 00 00 00 00 | OK |
| Read Data By Identifier | 780 03 22 F1 70 00 00 00 00  788 07 62 F1 70 DE AD BE EF  780 03 22 F1 71 00 00 00 00  788 07 62 F1 71 AA 55 55 34 | OK |
| Write Data By Identifier | 780 10 0A 2E F1 84 17 09 29  788 30 00 00 00 00 00 00 00  780 21 30 30 30 30 00 00 00  788 03 6E F1 84 00 00 00 00 | OK |
| Download flash driver | 780 10 0B 34 00 44 FE F2 70  788 30 00 00 00 00 00 00 00  780 21 00 00 00 10 00 00 00  788 04 74 20 0F F2 00 00 00  780 1F F2 36 01 55 55 55 55  788 30 00 00 00 00 00 00 00  780 21 55 55 55 55 55 55 55  …  788 02 76 02 00 00 00 00 00  780 01 37 00 00 00 00 00 00  788 03 77 B3 75 00 00 00 00 | OK |
| Active Flash Programming process | 780 10 08 31 01 02 02 FE F2  788 30 00 00 00 00 00 00 00  780 21 70 00 00 00 00 00 00  788 04 71 01 02 02 00 00 00 | OK |
| Erase application memory | 780 10 0C 31 01 FF 00 00 02  788 30 00 00 00 00 00 00 00  780 21 80 00 00 1D 80 00 00  788 04 71 01 FF 00 00 00 00 | OK |
| Download application | 780 10 0B 34 00 44 00 02 80  788 30 00 00 00 00 00 00 00  780 21 00 00 1D 80 00 00 00  788 04 74 20 0F F2 00 00 00  780 1F F2 36 01 01 52 45 4C  788 30 00 00 00 00 00 00 00  780 21 D3 00 00 00 00 80 1D  …  788 02 76 01 00 00 00 00 00  …  788 30 00 00 00 00 00 00 00  …  780 21 FF FF FF FF FF FF FF  …  788 02 76 DA 00 00 00 00 00  780 01 37 00 00 00 00 00 00  788 03 77 1E ED 00 00 00 00 | OK |
| Check programming dependencies | 780 04 31 01 FF 01 00 00 00  788 04 71 01 FF 01 00 00 00 | OK |
| ECU reset | 780 02 11 03 00 00 00 00 00  788 02 51 03 00 00 00 00 00 | OK |
| Extended session | 780 02 10 03 00 00 00 00 00  788 06 50 03 00 32 01 F4 00 | OK |
| Communication Control | 780 03 28 80 03 00 00 00 00 | OK |
| Control DTC Setting | 780 02 85 81 00 00 00 00 00 | OK |
| Enter into default session | 780 02 10 81 00 00 00 00 00 | OK |

**Author： Reviewed： Officialised：**

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