

## 2.8.2 TABLE OF VALID FRAME IDENTIFIERS

| ID[0..5]<br>Dec Hex |      | P0 =<br>ID0⊕ID1⊕ID2⊕ID4 | P1 = ⊐<br>ID1⊕ID3⊕ID4⊕ID5 | PID-Field<br>P1 P0 5 4 3 2 1 0 |   |   |   |   |   |   |   | PID-Field<br>Dec Hex |      |
|---------------------|------|-------------------------|---------------------------|--------------------------------|---|---|---|---|---|---|---|----------------------|------|
| 0                   | 0x00 | 0                       | 1                         | 1                              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 128                  | 0x80 |
| 1                   | 0x01 | 1                       | 1                         | 1                              | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 193                  | 0xC1 |
| 2                   | 0x02 | 1                       | 0                         | 0                              | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 66                   | 0x42 |
| 3                   | 0x03 | 0                       | 0                         | 0                              | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3                    | 0x03 |
| 4                   | 0x04 | 1                       | 1                         | 1                              | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 196                  | 0xC4 |
| 5                   | 0x05 | 0                       | 1                         | 0                              | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 133                  | 0x85 |
| 6                   | 0x06 | 0                       | 0                         | 0                              | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 6                    | 0x06 |
| 7                   | 0x07 | 1                       | 0                         | 1                              | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 71                   | 0x47 |
| 8                   | 0x08 | 0                       | 0                         | 0                              | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8                    | 0x08 |
| 9                   | 0x09 | 1                       | 0                         | 1                              | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 73                   | 0x49 |
| 10                  | 0x0A | 1                       | 1                         | 1                              | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 202                  | 0xCA |
| 11                  | 0x0B | 0                       | 1                         | 0                              | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 139                  | 0x8B |
| 12                  | 0x0C | 1                       | 0                         | 1                              | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 76                   | 0x4C |
| 13                  | 0x0D | 0                       | 0                         | 0                              | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 13                   | 0x0D |
| 14                  | 0x0E | 0                       | 1                         | 0                              | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 142                  | 0x8E |
| 15                  | 0x0F | 1                       | 1                         | 1                              | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 207                  | 0xCF |
| 16                  | 0x10 | 1                       | 0                         | 1                              | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 80                   | 0x50 |
| 17                  | 0x11 | 0                       | 0                         | 0                              | 1 | 0 | 0 | 0 | 0 | 1 |   | 17                   | 0x11 |
| 18                  | 0x12 | 0                       | 1                         | 0                              | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 146                  | 0x92 |
| 19                  | 0x13 | 1                       | 1                         | 0                              | 1 | 0 | 0 | 0 | 1 | 1 |   | 211                  | 0xD3 |
| 20                  | 0x14 | 0                       | 0                         | 0                              | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 20                   | 0x14 |
| 21                  | 0x15 | 1                       | 0                         | 1                              | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 85                   | 0x55 |
| 22                  | 0x16 | 1                       | 1                         | 0                              | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 214                  | 0xD6 |
| 23                  | 0x17 | 0                       | 1                         | 0                              | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 151                  | 0x97 |
| 24                  | 0x18 | 1                       | 1                         | 0                              | 1 | 1 | 0 | 0 | 0 | 0 |   | 216                  | 0xD8 |
| 25                  | 0x19 | 0                       | 1                         | 0                              | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 153                  | 0x99 |
| 26                  | 0x1A | 0                       | 0                         | 0                              | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 26                   | 0x1A |
| 27                  | 0x1B | 1                       | 0                         | 1                              | 0 | 1 | 1 | 0 | 1 | 1 |   | 91                   | 0x5B |
| 28                  | 0x1C | 0                       | 1                         | 0                              | 0 | 1 | 1 | 1 | 0 | 0 |   | 156                  | 0x9C |
| 29                  | 0x1D | 1                       | 1                         | 0                              | 1 | 1 | 1 | 0 | 1 |   |   | 221                  | 0xDD |
| 30                  | 0x1E | 1                       | 0                         | 1                              | 0 | 1 | 1 | 1 | 1 | 0 |   | 94                   | 0x5E |
| 31                  | 0x1F | 0                       | 0                         | 0                              | 1 | 1 | 1 | 1 | 1 |   |   | 31                   | 0x1F |
| 32                  | 0x20 | 0                       | 0                         | 1                              | 0 | 0 | 0 | 0 | 0 | 0 |   | 32                   | 0x20 |
| 33                  | 0x21 | 1                       | 0                         | 1                              | 1 | 0 | 0 | 0 | 0 | 1 |   | 97                   | 0x61 |
| 34                  | 0x22 | 1                       | 1                         | 1                              | 0 | 0 | 0 | 0 | 1 | 0 |   | 226                  | 0xE2 |
| 35                  | 0x23 | 0                       | 1                         | 0                              | 1 | 0 | 0 | 0 | 1 | 1 |   | 163                  | 0xA3 |
| 36                  | 0x24 | 1                       | 0                         | 1                              | 1 | 0 | 0 | 1 | 0 | 0 |   | 100                  | 0x64 |
| 37                  | 0x25 | 0                       | 0                         | 1                              | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 37                   | 0x25 |

| ID[0..5]<br>Dec Hex |      | P0 =<br>ID0⊕ID1⊕ID2⊕ID4 | P1 = ⊐<br>ID1⊕ID3⊕ID4⊕ID5 | PID-Field<br>P1 P0 5 4 3 2 1 0 |   |   |   |   |   |   |   | PID-Field<br>Dec Hex |      |
|---------------------|------|-------------------------|---------------------------|--------------------------------|---|---|---|---|---|---|---|----------------------|------|
| 38                  | 0x26 | 0                       | 1                         | 1                              | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 166                  | 0xA6 |
| 39                  | 0x27 | 1                       | 1                         | 1                              | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 231                  | 0xE7 |
| 40                  | 0x28 | 0                       | 1                         | 1                              | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 168                  | 0xA8 |
| 41                  | 0x29 | 1                       | 1                         | 1                              | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 233                  | 0xE9 |
| 42                  | 0x2A | 1                       | 0                         | 1                              | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 106                  | 0x6A |
| 43                  | 0x2B | 0                       | 0                         | 1                              | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 43                   | 0x2B |
| 44                  | 0x2C | 1                       | 1                         | 1                              | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 236                  | 0xEC |
| 45                  | 0x2D | 0                       | 1                         | 1                              | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 173                  | 0xAD |
| 46                  | 0x2E | 0                       | 0                         | 1                              | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 46                   | 0x2E |
| 47                  | 0x2F | 1                       | 0                         | 1                              | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 111                  | 0x6F |
| 48                  | 0x30 | 1                       | 1                         | 1                              | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 240                  | 0xF0 |
| 49                  | 0x31 | 0                       | 1                         | 1                              | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 177                  | 0xB1 |
| 50                  | 0x32 | 0                       | 0                         | 1                              | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 50                   | 0x32 |
| 51                  | 0x33 | 1                       | 0                         | 1                              | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 115                  | 0x73 |
| 52                  | 0x34 | 0                       | 1                         | 1                              | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 180                  | 0xB4 |
| 53                  | 0x35 | 1                       | 1                         | 1                              | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 245                  | 0xF5 |
| 54                  | 0x36 | 1                       | 0                         | 1                              | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 118                  | 0x76 |
| 55                  | 0x37 | 0                       | 0                         | 1                              | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 55                   | 0x37 |
| 56                  | 0x38 | 1                       | 0                         | 1                              | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 120                  | 0x78 |
| 57                  | 0x39 | 0                       | 0                         | 1                              | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 57                   | 0x39 |
| 58                  | 0x3A | 0                       | 1                         | 1                              | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 186                  | 0xBA |
| 59                  | 0x3B | 1                       | 1                         | 1                              | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 251                  | 0xFB |
| 60 <sup>a</sup>     | 0x3C | 0                       | 0                         | 1                              | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 60                   | 0x3C |
| 61 <sup>b</sup>     | 0x3D | 1                       | 0                         | 1                              | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 125                  | 0x7D |
| 62 <sup>c</sup>     | 0x3E | 1                       | 1                         | 1                              | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 254                  | 0xFE |
| 63 <sup>c</sup>     | 0x3F | 0                       | 1                         | 1                              | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 191                  | 0xBF |

- Frame identifier 60 (0x3C) is reserved for the Master Request frame (see section 2.3.3.4).
- Frame identifier 61 (0x3D) is reserved for the Slave Response frame (see section 2.3.3.4).
- Frame identifier 62 (0x3E) and 63 (0x3F) are reserved for a future LIN extended format (see section 2.3.3.5).

*Table 2.4: Valid frame identifiers*