

# Telemetry Details

Telemetry information for serial channel 1

| Byte    | Name         | Units | Gain          | Scalar    | Offset | Min  | Max           | Signed? | Bitmask | Scaling Equation   |
|---------|--------------|-------|---------------|-----------|--------|------|---------------|---------|---------|--------------------|
| Byte 1  | Air Temp     | °C    | 8 x 256 (msb) | 1         | 0      | -128 | 127           | Yes     | -       | x                  |
| Byte 2  | Coolant      | °C    | 8 x 1 (lsb)   | 1         | 0      | -128 | 127           | Yes     | -       | x                  |
| Byte 3  | Lambda1      | AFR   | 8 x 256 (msb) | 0.0078125 | 0      | 0    | 1.9921875946  | No      | -       | (0.0078125004 * x) |
| Byte 4* | Throttle     | %     | 8 x 1 (lsb)   | 0.390625  | 0      | 0    | 99.9984741211 | No      | -       | (0.390625 * x)     |
| Byte 5* | Engine Speed | rpm   | 8 x 256 (msb) | 100       | 0      | 0    | 25600         | No      | -       | (100 * x)          |

## Serial Port Settings

Transmission sequence: Header Byte, stream data, checksum byte

Header: 0x00

Baud rate: 38400

Parity: None

Data size: 8 bits

Stop bits: 1

Stream size: 7

Checksum: Additive, not including header