

Transmission Controller Alternate Data Stream Summary

Powertrain Control Solutions, LLC

6/30/2009

38400 Baud, 8-N-1

To initiate the data stream, transmit "d" (ASCII \$64) to the controller.

The TCU will respond with 43-byte data stream

Name	Byte Loc	Bytes	Divisor	Offset	Units	Notes
AD1	0	2	13094.4	0	V	
AD2	2	2	13094.4	0	V	
AD3	4	2	13094.4	0	V	
AD4	6	2	13094.4	0	V	
AD5	8	2	13094.4	0	V	
AD6	10	2	13094.4	0	V	
AD7	12	2	13094.4	0	V	
System Voltage	14	2	1190.4	0	V	
AD9	16	1	51		V	
AD10	17	1	51		V	
AD11	18	1	51		V	
AD12	19	1	51		V	
AD13	20	1	51		V	
AD14	21	1	51		V	
AD15	22	1	51		V	
AD16	23	1	51		V	
Digitals 1	24	1	1		None	Bit 7:0 = Digital In 8:1, 0=Off, 1=On
Digitals 2	25	1	1		None	Bit 7:0 = Digital In 16:9, 0=Off, 1=On
Speed1	26	2	1			
Speed2	28	2	1			
Speed3	30	2	1			
Speed4	32	2	1			
Spd1Duty	34	2	655.35	0	%	
Spd2Duty	36	2	655.35	0	%	
Spd3Duty	38	2	655.35	0	%	
Spd4Duty	40	2	655.35	0	%	
Checksum	42	1				