

FRAME	CAN	Byte	Bit	Channel	Type	Alias	Description
1	200	0-1		RPM	U16		Rpm istantaneous (measured over the period of Smot)
		2-3		Mean RPM	U16		Average rpm for one revolution
		4-5		Programmable mean RPM	U16		Average rpm for a programmable number of revolutions
		6-7		Engine Acceleration	U16		Engine acceleration (rpm/sec)
2	204	0-1		cntRevs	U16		Revolution count
		2-3		cntSmotErrs	U16		Smot error count
		4-5		cntScamErrs	U16		Scam error count
		6-7		cntGapErrs	U16		Gaps error count
3	208	0-1		Terog High1	U16		Injection time high cyl 1 [us]
		2-3		Terog High2	U16		Injection time high cyl 2 [us]
		4-5		Terog High3	U16		Injection time high cyl 3 [us]
		6-7		Terog High4	U16		Injection time high cyl 4 [us]
4	20C	0-1		Terog Low1	U16		Injection time low cyl 1 [us]
		2-3		Terog Low2	U16		Injection time low cyl 2 [us]
		4-5		Terog Low3	U16		Injection time low cyl 3 [us]
		6-7		Terog Low4	U16		Injection time low cyl 4 [us]
5	210	0-1		Terog Base1	U16		Injection time base cyl. 1 [us]
		2-3		Terog Base2	U16		Injection time base cyl. 2 [us]
		4-5		Terog Base3	U16		Injection time base cyl. 3 [us]
		6-7		Terog Base4	U16		Injection time base cyl. 4 [us]
6	214	0-1		Advance1	S16		Advance cylinder 1 [tenths of a degree]
		2-3		Advance2	S16		Advance cylinder 2 [tenths of a degree]
		4-5		Advance3	S16		Advance cylinder 3 [tenths of a degree]
		6-7		Advance4	S16		Advance cylinder 4 [tenths of a degree]
7	218	0-1		Teta Base1	S16		Advance base [tenths of a degree]
		2-3		Teta Base2	S16		Advance base [tenths of a degree]
		4-5		Teta Base3	S16		Advance base [tenths of a degree]
		6-7		Teta Base4	S16		Advance base [tenths of a degree]
8	21C	0-1		Phase Base High1	U16		Injection base phase high cyl1 [°]
		2-3		Phase Base High2	U16		Injection base phase high cyl2 [°]
		4-5		Phase Base High3	U16		Injection base phase high cyl3 [°]
		6-7		Phase Base High4	U16		Injection base phase high cyl4 [°]
9	220	0-1		Phase Base Low1	U16		Injection base phase low cyl1 [°]
		2-3		Phase Base Low2	U16		Injection base phase low cyl2 [°]
		4-5		Phase Base Low3	U16		Injection base phase low cyl3 [°]
		6-7		Phase Base Low4	U16		Injection base phase low cyl4 [°]
10	224	0-1		Phase High1	U16		Injection phase high cyl1 [°]
		2-3		Phase High2	U16		Injection phase high cyl2 [°]
		4-5		Phase High3	U16		Injection phase high cyl3 [°]
		6-7		Phase High4	U16		Injection phase high cyl4 [°]
11	228	0-1		Phase Low1	U16		Injection phase low cyl1 [°]
		2-3		Phase Low2	U16		Injection phase low cyl2 [°]
		4-5		Phase Low3	U16		Injection phase low cyl3 [°]
		6-7		Phase Low4	U16		Injection phase low cyl4 [°]
12	22C	0-1		KJRipH1	U16		Injection time ratio high cyl1 [tenth of a %]
		2-3		KJRipH2	U16		Injection time ratio high cyl2 [tenth of a %]
		4-5		KJRipH3	U16		Injection time ratio high cyl3 [tenth of a %]
		6-7		KJRipH4	U16		Injection time ratio high cyl4 [tenth of a %]
13	230	0-1		KJRipL1	U16		Injection time ratio low cyl1 [tenth of a %]
		2-3		KJRipL2	U16		Injection time ratio low cyl2 [tenth of a %]
		4-5		KJRipL3	U16		Injection time ratio low cyl3 [tenth of a %]
		6-7		KJRipL4	U16		Injection time ratio low cyl4 [tenth of a %]
14	234	0-1		KJUser1	U16		Injection correction bench cyl1 [1/1000]
		2-3		KJUser2	U16		Injection correction bench cyl2 [1/1000]
		4-5		KJUser3	U16		Injection correction bench cyl3 [1/1000]
		6-7		KJUser4	U16		Injection correction bench cyl4 [1/1000]
15	238	0-1		KAUser1	S16		Advance correction bench cyl1 [tenth of a degree]
		2-3		KAUser2	S16		Advance correction bench cyl2 [tenth of a degree]
		4-5		KAUser3	S16		Advance correction bench cyl3 [tenth of a degree]
		6-7		KAUser4	S16		Advance correction bench cyl4 [tenth of a degree]
16	23C	0-1		KJExt1	U16		External CAN injection correction cyl1 [1/1000]
		2-3		KJExt2	U16		External CAN injection correction cyl2 [1/1000]
		4-5		KJExt3	U16		External CAN injection correction cyl3 [1/1000]
		6-7		KJExt4	U16		External CAN injection correction cyl4 [1/1000]
17	240	0-1		KAExt1	S16		External CAN advance correction cyl1 [tenth of a degree]
		2-3		KAExt2	S16		External CAN advance correction cyl2 [tenth of a degree]
		4-5		KAExt3	S16		External CAN advance correction cyl3 [tenth of a degree]
		6-7		KAExt4	S16		External CAN advance correction cyl4 [tenth of a degree]
18	244	0-1		Dwell	U16		dwell time [us]
		2-3		PickUp Table	S16		Advance correction from pickup [tenths of a degree]
		4-5		KJCrnk	U16		Injection correction time from cranking [1/1000]
		6-7		KJRbnc	U16		Injection time ratio [tenth of a %]
19	248	0-1		JRipH1	U16		Injection time ratio filtered high cyl2 [tenth of a %]
		2-3		JRipH2	U16		Injection time ratio filtered high cyl2 [tenth of a %]

17	240	4-5	JRipH3	U16	Injection time ratio filtered high cyl2 [tenth of a %]
		6-7	JRipH4	U16	Injection time ratio filtered high cyl2 [tenth of a %]
20	24C	0-1	JRipL1 Filter	U16	Injection time ratio filtered low cyl1 [tenth of a %]
		2-3	JRipL2 Filter	U16	Injection time ratio filtered low cyl2 [tenth of a %]
		4-5	JRipL3 Filter	U16	Injection time ratio filtered low cyl3 [tenth of a %]
		6-7	JRipL4 Filter	U16	Injection time ratio filtered low cyl4 [tenth of a %]
21	250	0-1	KJRipBase1	U16	Injection time ratio BASE cyl1 [tenth of a %]
		2-3	KJRipBase2	U16	Injection time ratio BASE cyl2 [tenth of a %]
		4-5	KJRipBase3	U16	Injection time ratio BASE cyl3 [tenth of a %]
		6-7	KJRipBase4	U16	Injection time ratio BASE cyl4 [tenth of a %]
22	254	0-1	KJAcc1	U16	Injection correction cyl1 from engine acceleration [1/1000]
		2-3	KJAcc2	U16	Injection correction cyl2 from engine acceleration [1/1000]
		4-5	KJAcc3	U16	Injection correction cyl3 from engine acceleration [1/1000]
		6-7	KJAcc4	U16	Injection correction cyl4 from engine acceleration [1/1000]
23	258	0-1	KAAcc1	S16	Advance offset cyl1 from engine acceleration [tenth of a degree]
		2-3	KAAcc2	S16	Advance offset cyl2 from engine acceleration [tenth of a degree]
		4-5	KAAcc3	S16	Advance offset cyl3 from engine acceleration [tenth of a degree]
		6-7	KAAcc4	S16	Advance offset cyl4 from engine acceleration [tenth of a degree]
24	25C	0-1	KJMacc1	U16	Modulate injection correction cyl1 from engine acceleration [1/1000]
		2-3	KJMacc2	U16	Modulate injection correction cyl2 from engine acceleration [1/1000]
		4-5	KJMacc3	U16	Modulate injection correction cyl3 from engine acceleration [1/1000]
		6-7	KJMacc4	U16	Modulate injection correction cyl4 from engine acceleration [1/1000]
25	260	0-1	KAMacc1	S16	Modulate advance offset cyl1 from engine acceleration [Tenth of a degree]
		2-3	KAMacc2	S16	Modulate advance offset cyl2 from engine acceleration [Tenth of a degree]
		4-5	KAMacc3	S16	Modulate advance offset cyl3 from engine acceleration [Tenth of a degree]
		6-7	KAMacc4	S16	Modulate advance offset cyl4 from engine acceleration [Tenth of a degree]
26	264	0-1	KJGear1	U16	Injection correction cyl1 from gear position [1/1000]
		2-3	KJGear2	U16	Injection correction cyl2 from gear position [1/1000]
		4-5	KJGear3	U16	Injection correction cyl3 from gear position [1/1000]
		6-7	KJGear4	U16	Injection correction cyl4 from gear position [1/1000]
27	268	0-1	KAGear1	S16	Advance offset cyl1 from gear position [tenth of a degree]
		2-3	KAGear2	S16	Advance offset cyl2 from gear position [tenth of a degree]
		4-5	KAGear3	S16	Advance offset cyl3 from gear position [tenth of a degree]
		6-7	KAGear4	S16	Advance offset cyl4 from gear position [tenth of a degree]
28	26C	0-1	KJVel1	U16	Injection correction cyl1 from speed [1/1000]
		2-3	KJVel2	U16	Injection correction cyl2 from speed [1/1000]
		4-5	KJVel3	U16	Injection correction cyl3 from speed [1/1000]
		6-7	KJVel4	U16	Injection correction cyl4 from speed [1/1000]
29	270	0-1	KAVel1	S16	Advance offset cyl1 from speed [tenth of a degree]
		2-3	KAVel2	S16	Advance offset cyl2 from speed [tenth of a degree]
		4-5	KAVel3	S16	Advance offset cyl3 from speed [tenth of a degree]
		6-7	KAVel4	S16	Advance offset cyl4 from speed [tenth of a degree]
30	274	0-1	KJTC1	U16	Injection correction cyl1 from traction control [1/1000]
		2-3	KJTC2	U16	Injection correction cyl2 from traction control [1/1000]
		4-5	KJTC3	U16	Injection correction cyl3 from traction control [1/1000]
		6-7	KJTC4	U16	Injection correction cyl4 from traction control [1/1000]
31	278	0-1	KATc1	S16	Advance offset cyl1 from traction control [tenth of a degree]
		2-3	KATc2	S16	Advance offset cyl2 from traction control [tenth of a degree]
		4-5	KATc3	S16	Advance offset cyl3 from traction control [tenth of a degree]
		6-7	KATc4	S16	Advance offset cyl4 from traction control [tenth of a degree]
32	27C	0-1	KJTH2O	U16	Injection correction time from water temperature [1/1000]
		2-3	KATH2O	S16	Advance correction rom water temperature [tenth of a degree]
		4-5	KJTair	U16	Injection correction from air temperature [1/1000]
		6-7	KATair	S16	Advance offset from air temperature [tenth of a degree]
33	280	0-1	KJPair	U16	Injection correction time from airbox pressure or throttle[1/1000]
		2-3	KAPair	S16	Advance correction time from airbox pressure or throttle[1/1000]
		4-5	KJCocA	U16	CO correction from channel A [1/1000]
		6-7	KJCocB	U16	CO correction from channel B [1/1000]
34	284	0-1	FarfThr Cutoff1	U16	Throttle treshold cut off 1
		2-3	FarfThr Cutoff2	U16	Throttle treshold cut off 2
		4-5	KACutOff1	S16	Advance correction from cut off 1 [tenth of a degree]
		6-7	KACutOff2	S16	Advance correction from cut off 2 [tenth of a degree]
35	288	0-1	KJCutOff1_1	U16	Injection correction from cut off 1 cyl1
		2-3	KJCutOff1_2	U16	Injection correction from cut off 1 cyl2
		4-5	KJCutOff1_3	U16	Injection correction from cut off 1 cyl3
		6-7	KJCutOff1_4	U16	Injection correction from cut off 1 cyl4
36	28C	0-1	KJCutOff2_1	U16	Injection correction from cut off 2 cyl1
		2-3	KJCutOff2_2	U16	Injection correction from cut off 2 cyl2
		4-5	KJCutOff2_3	U16	Injection correction from cut off 2 cyl3
		6-7	KJCutOff2_4	U16	Injection correction from cut off 2 cyl4
37	290	0-1	Adv Transient Throttle	S16	Advance transient by TPS [tenth of a degree/ms]
		2-3	Inj Transient Throttle	S16	Injection transient by TPS [tenth of a degree/ms]
		4-5	OffsVbatH	U16	Injection offset high from battery voltage [us]
		6-7	OffsVbatL	U16	Injection offset low from battery voltage [us]
38	294	0-1	Adv Transient DBW1	S16	Advance transient by DBW1 [tenth of a degree/ms]
		2-3	Inj Transient DBW1	S16	Injection transient by DBW1 [tenth of a degree/ms]
		4-5	Adv Transient DBW2	S16	Advance transient by DBW2 [tenth of a degree/ms]

		6-7	Inj Transient DBW2	S16		Injection transient by DBW2 [tenth of a degree/ms]
39	298	0-1	KJbnc	U16		Total injection correction bench [1/1000]
		2-3	Kabnc	S16		Total advance correction bench [tenth of a degree]
		4-5	KFLbnc	U16		Phase Low correction bench
		6-7	KFHbnc	U16		Phase High correction bench
40	29C	0-1	Num step	U16		Step number from stepper motor strategy
		2-3	Engine Break Step [%]	U16		Step [%] value from engine break control strategy
		4-5	Idl Setpoint	U16		idling strategy setpoint [%]
		6-7	Idl Step	U16		idling step value from idling strategy
41	2A0	0-1	Throttle	S16		Throttle position [tenth of a degree]
		2-3	Throttle aux	S16		Auxiliary Throttle position [tenth of a degree]
		4-5	Throttle aux target [%]	S16		Auxiliary Throttle target [tenth of a degree]
		6-7	PWM Duty-cycle	S16		duty-cycle output PWM [tenth of a %]
42	2A4	0-1	Air Temperature	S16		Air temperature [tenth of a °C]
		2-3	Water Temperature	S16		Water temperature [tenth of a °C]
		4-5	Vacuum pressure	S16		Airbox pressure[mBar]
		6-7	Barometric pressure	S16		Atmospheric pressure [mBar]
43	2A8	0-1	Battery	U16		Battery voltage [tenth of a V]
		2-3	Map	U16		Active map
		4-5	Gear	U16		Gear position (1...6) 0=neutral
		6-7	Gear Pos / Ewratio	U16		Gear position AD value / engine wheel ratio (rpm/speed)
44	2AC	0-1	DJDInT1	U16		injection correction cyl1 from TPS transient
		2-3	DJDInT2	U16		injection correction cyl2 from TPS transient
		4-5	DJDInT3	U16		injection correction cyl3 from TPS transient
		6-7	DJDInT4	U16		injection correction cyl4 from TPS transient
45	2B0	0-1	DADInT1	S16		advance correction cyl1 from TPS transient
		2-3	DADInT2	S16		advance correction cyl2 from TPS transient
		4-5	DADInT3	S16		advance correction cyl3 from TPS transient
		6-7	DADInT4	S16		advance correction cyl4 from TPS transient
46	2B4	0-1	DJDInTrpm1	S16		injection correction cyl1 from TPS transient by rpm
		2-3	DJDInTrpm2	S16		injection correction cyl2 from TPS transient by rpm
		4-5	DJDInTrpm3	S16		injection correction cyl3 from TPS transient by rpm
		6-7	DJDInTrpm4	S16		injection correction cyl4 from TPS transient by rpm
47	2B8	0-1	DJDInTh2o1	S16		injection correction cyl1 from TPS transient by th2o
		2-3	DJDInTh2o2	S16		injection correction cyl2 from TPS transient by th2o
		4-5	DJDInTh2o3	S16		injection correction cyl3 from TPS transient by th2o
		6-7	DJDInTh2o4	S16		injection correction cyl4 from TPS transient by th2o
48	2BC	0	7 Engine off	BOOL	Engine flags 1	Flag engine off
			6 trigOn	BOOL		flag ignition enabled
			5 injOn	BOOL		flag injection enabled
			4 Spark inhib [0]	BOOL		flag inhibition spark 0
			3 Spark inhib [1]	BOOL		flag inhibition spark 1
			2 trigOverRev	BOOL		flag ignition over revolution
			1 InjOverRev	BOOL		flag injection over revolution
			0 Cranking	BOOL		flag cranking phase
		1	7 PreInj	BOOL	Engine flags 1	flag pre-injection
			6 JMMbyPair [0]	BOOL		flag x-axis cyl1 from MAP
			5 JMMbyPair [1]	BOOL		flag x-axis cyl2 from MAP
			4 JMMbyPair [2]	BOOL		flag x-axis cyl3 from MAP
			3 JMMbyPair [3]	BOOL		flag x-axis cyl4 from MAP
			2 Turbo	BOOL		flag turbo configuration ON
			1 Bang	BOOL		flag bang strategy ON
			0 VcamOn	BOOL		flag virtual cam enabled
		2	7 Vel lim	BOOL	Engine flags 2	flag speed limiter strategy ON
			6 BpsAir	BOOL		flag engine break control strategy ON
			5 StepperbySpeedRPM	BOOL		flag stepper motor control by SpeedRPM
			4 LaunchCtrl	BOOL		launch control strategy ON
			3 LaunchJlim	BOOL		injection cut from launch
			2 LaunchAlim	BOOL		ignition cut from launch
			1 LaunchKinj	BOOL		Injection correction from launch control strategy
			0 LaunchLead	BOOL		advance correction from launch control strategy
		3	7 LaunchPwm	BOOL	Engine flags 2	PWM correction from launch control strategy
			6 CutOff1	BOOL		Flag cut off 1
			5 PostCutOff1	BOOL		Flag post cut off 1
			4 CutOff2	BOOL		Flag cut off 2
			3 PostCutOff2	BOOL		Flag post cut off 2
			2 ...	BOOL		...
			1 ...	BOOL		...
			0 ...	BOOL		...
		4	7 Codeload	BOOL	Digital I/O	codeload input
			6 Stop	BOOL		stop input
			5 Dropswitch	BOOL		drop switch input
			4 StopOrDrop	BOOL		stop or drop input enabled
			3 StarterIn	BOOL		starter in input
			2 Shift	BOOL		shift input
			1 Clutch	BOOL		clutch input
			0 Speed limiter	BOOL		speed limiter input

49	2C4	5	7	Launch	BOOL	Shift flags	launch control input
			6	Shift blipping UP	BOOL		shift blipping UP input flag
			5	Shift blipping DOWN	BOOL		shift blipping DOWN input flag
			4	...	BOOL		...
			3	Fuel pump	BOOL		fuel pump output
			2	Fuel consum	BOOL		fuel consumption output
			1	...	BOOL		...
			0	Auxiliary out	BOOL		auxiliary output
		6	7	Shift signal	BOOL		shift command
			6	Neutral	BOOL		neutral condition
			5	NoshiftByRpm	BOOL		flag inhibition change from RPM thresholds
			4	Shift	BOOL		flag shift strategy
			3	HoldOff	BOOL		flag hold off
			2	TimeOut	BOOL		flag time out
			1	ShiftCutOff	BOOL		flag cut off
			0	ShiftLead	BOOL		flag advance from shift strategy
		7	7	Gear	BOOL		flag shift exit
			6	...	BOOL		...
			5	...	BOOL		...
			4	...	BOOL		...
			3	...	BOOL		...
			2	...	BOOL		...
			1	...	BOOL		...
			0	...	BOOL		...
		0	7	TrigOff	BOOL	Inhibition flags	Flag inhibition base ignition
			6	Spark Inhib TC 1	BOOL		Flag ignition inhibition trigger 1 from TC
			5	Spark Inhib TC 2	BOOL		Flag ignition inhibition trigger 2 from TC
			4	Spark Inhib Antilag 1	BOOL		Flag ignition inhibition trigger 1 from antilag
			3	Spark Inhib Antilag 2	BOOL		Flag ignition inhibition trigger 2 from antilag
			2	InjOff	BOOL		flag inhibition base injection
			1	Inj Inhib TC 1	BOOL		flag injection inhibition injector 1 from TC
			0	Inj Inhib TC 2	BOOL		flag injection inhibition injector 2 from TC
		1	7	Inj Inhib TC 3	BOOL		flag injection inhibition injector 3 from TC
			6	Inj Inhib TC 4	BOOL		flag injection inhibition injector 4 from TC
			5	Inj Inhib Antilag 1	BOOL		flag injection inhibition injector 1 from antilag
			4	Inj Inhib Antilag 2	BOOL		flag injection inhibition injector 2 from antilag
			3	Inj Inhib Antilag 3	BOOL		flag injection inhibition injector 3 from antilag
			2	Inj Inhib Antilag 4	BOOL		flag injection inhibition injector 4 from antilag
			1	...	BOOL		...
			0	...	BOOL		...
		2	7	Vbat Fail	BOOL	Error flags	Flag low battery
			6	No Config	BOOL		flag configuration missed
			5	No Eng config	BOOL		flag configuration wrong
			4	SpeedRPM Err	BOOL		flag error speedRPM reading
			3	Uego 1 time out	BOOL		flag time out lambda 1
			2	Uego 1 alert	BOOL		flag alert lambda 1
			1	Uego 2 time out	BOOL		flag time out lambda 2
			0	Uego 2 alter	BOOL		flag alert lambda 2
		3	7	Over dweel [0]	BOOL		Flag over dweel trigger 1
			6	Over dweel [1]	BOOL		Flag over dweel trigger 2
			5	NoEngMap	BOOL		flag mapping wrong
			4	Warning	BOOL		flag ECU warning
			3	Overinj time [0]	BOOL		flag over time injector 1
			2	Overinj time [1]	BOOL		flag over time injector 2
			1	Overinj time [2]	BOOL		flag over time injector 3
			0	Overinj time [3]	BOOL		flag over time injector 4
		4	7	SIU_RSR.PORS	BOOL	CPU flags	Power-on reset status
			6	SIU_RSR.ERS	BOOL		External reset status
			5	SIU_RSR.LLRS	BOOL		Loss of lock reset status
			4	SIU_RSR.LCRS	BOOL		Loss of clock reset status
			3	SIU_RSR.WDRS	BOOL		Watchdog timer/debug reset status
			2	SIU_RSR.CRS	BOOL		Checkstop reset status
			1	SIU_RSR.SSRS	BOOL		Software system reset status
			0	SIU_RSR.SERF	BOOL		Software external reset flag
		5	7	SIU_RSR.WKPCFG	BOOL		Weak pull configuration pin status
			6	SIU_RSR.BOOTCFG	BOOL		Reset configuration pin status
			5	SIU_RSR.RGF	BOOL		Reset glitch flag
			4	...			...
			3	...			...
			2	...			...
			1	...			...
			0	resetFlag	BOOL		reset-flag global
		6-7		milliseconds	U16		millisecond counter
		0-1		cntMtUpdates	U16		updates counter injection map by autotuning
		2	7	isMapTuning	BOOL		flag map-tuning active (manual or auto)
			6	isAutoTuning	BOOL		flag auto-tuning active
			5	isMtenabled	BOOL		flag enabled cell centering
			4	isJcorrection	BOOL		flag enable and centering current injection cell

50		4	3	isLambda match	BOOL	Map tuning flags	flag lambda value centering
			2	...			...
			1	...			...
			0	...			...
		3	7	isUego1tout	BOOL		flag time-out by CAN lambda 1
			6	isUego2tout	BOOL		flag time-out by CAN lambda 2
			5	isUego1alert	BOOL		flag alarm by CAN lambda 1
			4	isUego2alert	BOOL		flag alarm by CAN lambda 2
			3	isUego1warn	BOOL		flag warning by alert or timeout lambda 1
			2	isUego2warn	BOOL		flag warning by alert or timeout lambda 2
			1	isOverInj	BOOL		flag over injection
			0	mtjUego2	BOOL		flag lambda 2 used for reference
		4-5		Uego1	U16		value lambda uego 1 A/F [1/10]
		6-7		Uego2	U16		value lambda uego 2 A/F [1/10]
51	2C8	0		TcInj Off-On1	U8		counter injection OFF by TC cycle 1
		1		TcInj Off-On1	U8		counter injection ON by TC cycle 1
		2		TcInj Off-On2	U8		counter injection OFF by TC cycle 2
		3		TcInj Off-On2	U8		counter injection ON by TC cycle 2
		4		TcInj Off-On3	U8		counter injection OFF by TC cycle 3
		5		TcInj Off-On3	U8		counter injection ON by TC cycle 3
		6		TcInj Off-On4	U8		counter injection OFF by TC cycle 4
52	2CC	0		TcSpark Off-On1	U8		counter ignition OFF by TC cycle 1
		1		TcSpark Off-On1	U8		counter ignition ON by TC cycle 1
		2		TcSpark Off-On2	U8		counter ignition OFF by TC cycle 2
		3		TcSpark Off-On2	U8		counter ignition ON by TC cycle 2
		4		TcSpark Off-On3	U8		counter ignition OFF by TC cycle 3
		5		TcSpark Off-On3	U8		counter ignition ON by TC cycle 3
		6		TcSpark Off-On4	U8		counter ignition OFF by TC cycle 4
53	2D0	0-1		ExtCor Throttle aux	S16		external CAN correction for throttle auxiliary position
		2-3		ExtCor Engine break	S16		external CAN correction for engine break control position
		4-5		ExtCor PWM	S16		external CAN correction for PWM control
		6-7		Ext rpm ref	U16		external CAN value for RPM reference
54	2D4	0-1		Aux 1 A/D	U16		A/D value auxiliary input 1
		2-3		Aux 2 A/D	U16		A/D value auxiliary input 2
		4-5		Fork	S16		value front suspension
		6-7		Shock	S16		value rear suspension
55	2D8	0-1		TCA Step/val	U16		Traction control level value
		2-3		Tc command	U16		Traction control command
		4-5		Fuel Consumption	S16		value of fuel consumed
		6-7		Fuel Rest	S16		value of fuel remaining
56	2DC	0-1		Velocity rear	U16		value rear speed
		2-3		Velocity front	U16		value front speed
		4-5		Space	U16		distance traveled
		6-7		Splip Ratio	U16		speed calculation splip ratio
57	2E0	0-1		Speed RPM	U16		valore speed/rpm [1/10 di Kmh/rpm]
		2	7	isCOrready	BOOL	CO-corr flags	flag CO-correction ready
			6	isCOactive	BOOL		flag CO-correction active
			5	isCOpending	BOOL		flag CO-correction in suspension
			4	...			...
			3	...			...
			2	...			...
			1	...			...
			0	...			...
		3		...			...
		4-5		soLambdaCocA	U16		target lambda value for CO channel A
		6-7		soLambdaCocB	U16		target lambda value for CO channel B
58	2E4	0		...			...
		1		gear shifting	U8		gear threshold for blipping strategy (0 to 4, i.e. 1 means 2to3 or 3to2)
		2	7	blipping dbw 1 active	BOOL	Blipping flags	flag blipping strategy enable for DBW1
			6	blipping dbw 2 active	BOOL		flag blipping strategy enable for DBW2
			5	Blipping delay	BOOL		flag blipping delay
			4	Blipping hold time 1	BOOL		flag blipping hold time for DBW1
			3	Blipping hold time 2	BOOL		flag blipping hold time for DBW2
			2	Blipping inhibition	BOOL		flag blipping inhibition
			1	...			...
			0	...			...
		3		...			...
		4-5		...			...
		6-7		Level switch	U16		level switch (throttle input) value