

Part I

software

Can protocol

Node 6				
Sensor	Antal	Data size [bit]	Total [bit]	Updateringsrate [Hz]
Wheel speed back	2	8	16	50 ?
Olie press	1	8	8	10
GPS	1	40 ?	40 ?	< 5 ?

Table 1.1: Layout for standart CAN data pakke.

Standart CAN datapakke		
Type	Tid	Variabel data længde
6 bit	6 bit	max 52 bit

Table 1.2: Layout for standart CAN data pakke.

Definition af værdi for CAN datapakke typer			
Navn	Kort navn	Værdi hex	Beskrivelse
Wheel speed back	WhlSpdB	0x01	Hjul hastighed for begge baghjul
Wheel speed front	WhlSpdF	0x02	Hjul hastighed for begge forhjul

Table 1.3: CAN datapakke typer.

Definition af wheel speed back CAN datafelt							
	Datafelt						Total [bit]
Size [bit]	8	8	8	8	8	8	48
Indhold	Left	Left	Left	Right	Right	Right	

Table 1.4: CAN wheel speed back datafelt.

Definition af wheel speed front CAN datafelt							
	Datafelt						Total [bit]
Size [bit]	8	8	8	8	8	8	48
Indhold	Left	Left	Left	Right	Right	Right	

Table 1.5: CAN wheel speed front datafelt.