

## Equation assignment sequence for variable *store*

no	var	equ	quations	token
23	177	-	$1_N :: \text{port variable}$	
22	1	-	$\# :: \text{port variable}$	
21	11	-	$U_N :: \text{port variable}$	
20	6	-	$t :: \text{port variable}$	
19	170	-	$C :: \text{port variable}$	
18	2	1	$0 := \text{Instantiate}(\#, \#)$	
17	182	179	$k^{e,\xi}_N := (R^e_N)^{-1} \cdot \xi_N$	
16	181	180	$R^e_N := \text{Instantiate}(R^e_N, \#)$	
15	181	178	$R^e_N := (i)^{-1} \cdot Ue_N$	
14	183	183	$\dot{U}^e_N := \text{Instantiate}(\dot{U}^e_N, 0)$	
13	183	182	$\dot{U}^e_N := 1_N \cdot Ue_N$	
12	175	171	$\xi_N := \text{Instantiate}(\xi_N, \#)$	
11	179	181	$Ue_N := (k^{e,\xi}_N)^{-1} \cdot i$	
10	179	188	$Ue_N := R^e_N \cdot i$	
9	179	195	$Ue_N := \text{Instantiate}(Ue_N, \#)$	
8	179	176	$Ue_N := (C)^{-1} \cdot U_N$	
7	180	189	$i := \text{Root}(Ue_N)$	
6	180	185	$i := \text{Root}(\dot{U}^e_N)$	

*Continued on next page*

no	var	equ	quations	token
5	180	177	$i := \frac{dC}{dt}$	
4	190	193	$R_N := (I)^{-1} . U_N$	
3	189	192	$a_N := \xi_N$	
2	188	191	$U_N := U e_N$	
1	187	190	$I := i$	
0	191	194	$store := \text{MixedStack}(I, U_N, R_N, a_N)$	