

VARIABLES

```
VAR_GLOBAL
Di00M00 AT %IX0.0 : BOOL;
Di01M00 AT %IX0.1 : BOOL;
END_VAR
```

	Project : ModemTestST	
	VARIABLES :	
	Release : ModemTest	Ver :1.00
	Author :	Date:18/07/2013
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```

VAR
Modem : ModemCore_v2; (* Modem core FB *)
SMSSend : ModemSMSSend_v2; (* Modem SMS send FB *)
Message : STRING[ 32 ] := 'Ciao'; (* Message string *)
Value : UINT; (* Valore *)
Dummy : BOOL; (* Dummy variable *)
Sm : SYSSERIALMODE; (* Serial mode *)
Pulse : BOOL; (* SMS send pulse *)
Ptr : @USINT; (* Auxiliary pointer *)
END_VAR

```

```

1 (* ***** *)
2 (* FUNCTION "SendSMS" *)
3 (* ***** *)
4 (* Questo programma invia un messaggio SMS. *)
5 (* ----- *)
6 (* Eseguo inizializzazioni. *)
7
8 IF (SysFirstLoop) THEN
9
10 (* Eseguo impostazioni modem. *)
11
12 Modem.File:=Sysfopen('COM0', 'rw'); (* Port COM0 file pointer *)
13 Modem.AutoHangUp:=TRUE; (* Auto hangup *)
14 SMSSend.Text:=ADR(Message); (* Message text *)
15
16 (* Eseguo impostazione modo seriale. *)
17
18 Dummy:=SysGetSerialMode(ADR(Sm), Modem.File);
19 Sm.Baudrate:=115200;
20 Sm.DataBits:=8;
21 Sm.Parity:='N';
22 Sm.DTRManagement:=DTR_OFF;
23 Dummy:=SysSetSerialMode(ADR(Sm), Modem.File);
24 END_IF;
25
26 (* Eseguo gestione modem. *)
27
28 Modem(Enable:=TRUE); (* Gestione modem core *)
29 SMSSend(ModemID:=Modem.ModemID); (* Gestione invio SMS *)
30 SMSSend.Send:=FALSE; (* Cdo invio SMS *)
31
32 (* ----- *)
33 (* INVIO MESSAGGIO SMS *)
34 (* ----- *)
35 (* Eseguo invio messaggio SMS su ingresso logico. *)
36
37 IF (Di00M00 <> Pulse) THEN
38 Pulse:=Di00M00; (* SMS send pulse *)
39
40 IF (Di00M00) THEN
41 SMSSend.Send:=TRUE; (* Cdo invio SMS *)
42 SMSSend.Number:=ADR('+39335123456'); (* Phone number *)
43 SMSSend.TLgt:=10; (* Text length *)
44 Message:='The _ char'; (* Message string *)
45
46 (* Per inviare '@', sostituisco a '_' il codice NULL. *)

```

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PROGRAM : SendSMS

Release : ModemTest

Ver :1.00

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Note :

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PROGRAM SendSMS

```

47
48         Ptr:=ADR(Message)+4; (* Auxiliary pointer *)
49         @Ptr:=0; (* Carico codice carattere '@' *)
50     END_IF;
51 END_IF;
52
53 (* [End of file] *)
54
55

```

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