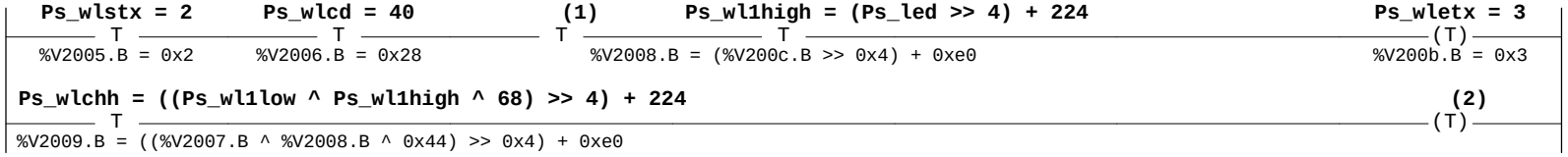
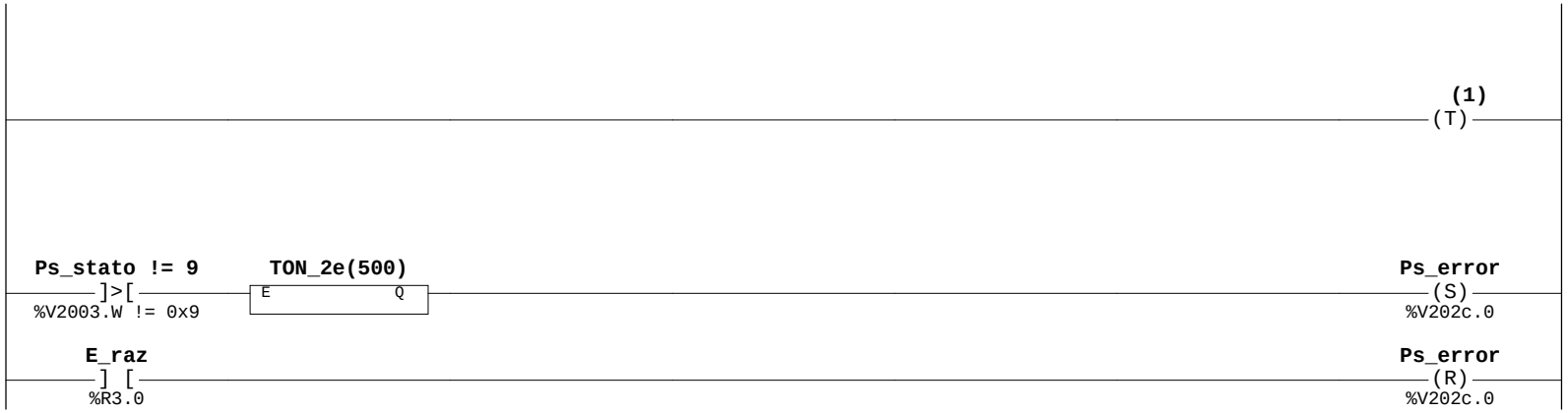
00 Label: Step: Codifica per accensione Led



(1) %V2007.B = (%V200c.B & 0xf) + 0xe0 : Ps_wl1low = (Ps_led & 15) + 224
(2) %V200a.B = ((%V2007.B ^ %V2008.B ^ 0x44) & 0xf) + 0xe0 : Ps_wlchl = ((Ps_wl1low ^ Ps_wl1high ^ 68) & 15) + 224

01 Label: Step: Gestione seriale



(1) comin(0x1, %V2050.&, 0xd) : comin(1, Psp_rstx.&, 13)
[T] TON_2e(0x1f4) : TON_2e(500)

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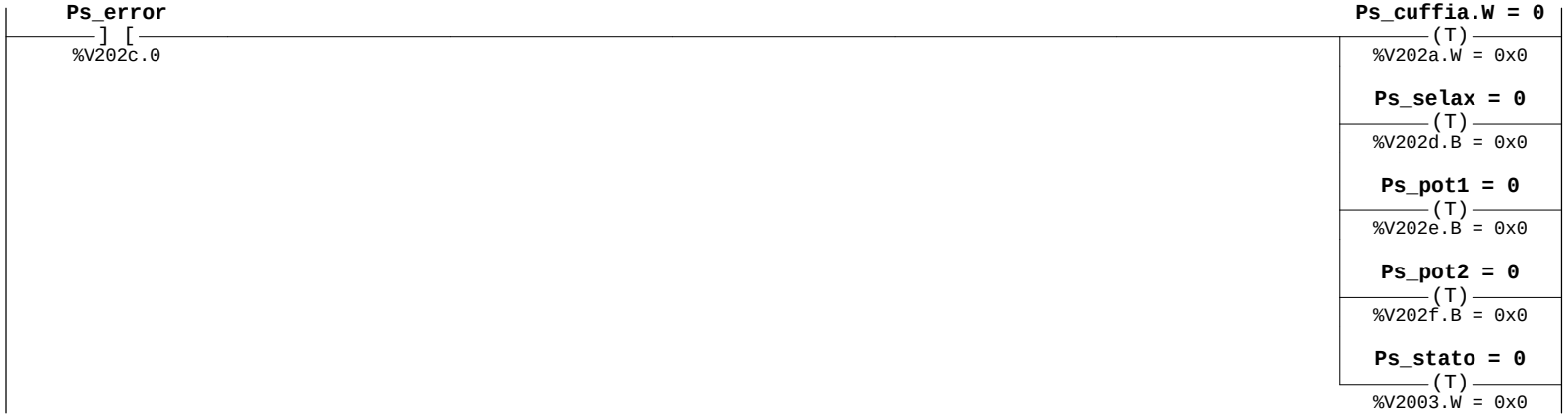
02 Label: Step: Azzeramento variabili in caso di errore seriale



03 Label: Step: **Ps_stato** %V2003.W **= 0** Assegnazioni variabili

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04 Label: Step: **Ps_stato** %V2003.W **= 1**

Richiesta valore potenziometri

Ps_wcodreq = 32
(T)
%V2001.B = 0x20

comout(1, Ps_wstx.&, 3)
(T)
comout(0x1, %V2000.&, 0x3)

Ps_stato = 2
(T)
%V2003.W = 0x2

goto(FINE)
(T)

05 Label: Step: **Ps_stato** %V2003.W **= 2**

Calcolo checksum

(1) T **(2)** T **(3)** (T)

(1) %V205d.B = %V2052.B ^ %V2053.B ^ %V2056.B ^ %V2057.B ^ 0x44 : Psp_cheksum = Psp_r1low ^ Psp_r1high ^ Psp_r3low ^ Psp_r3high ^ 68
(2) %V205e.B = (%V205d.B >> 0x4) + 0xe0 : Psp_ch_h = (Psp_cheksum >> 4) + 224
(3) %V205f.B = (%V205d.B & 0xf) + 0xe0 : Psp_ch_l = (Psp_cheksum & 15) + 224

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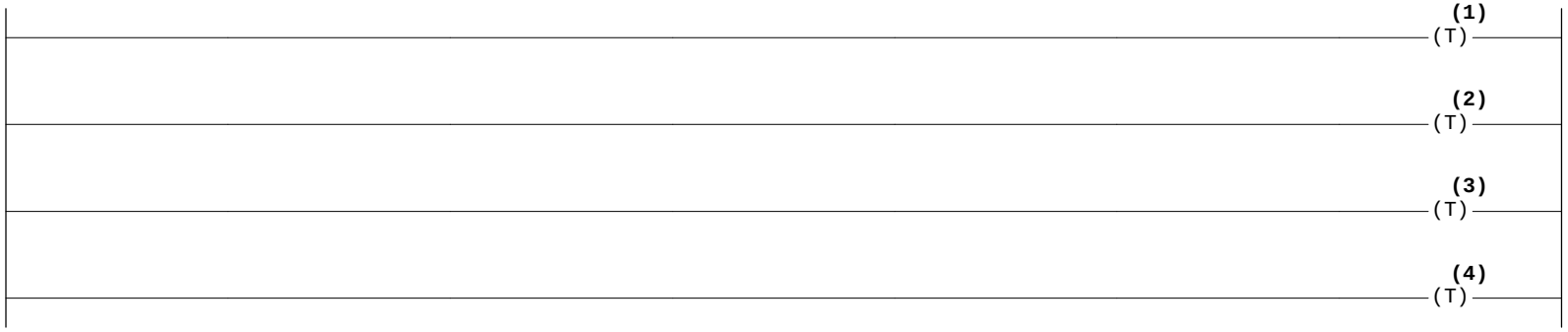
06 Label: Step: **Ps_stato** %V2003.W **= 2**

Verifica checksum

(1) %V205e.B == %V205b.B : Psp_ch_h == Psp_ckhigh

07 Label: Step: **Ps_stato** %V2003.W **= 3**

Ricavo valore potenziometro assi



(1) %V201f.B = %V2053.B - 0xe0 : Ps_pt1high = Psp_r1high - 224
(2) %V201d.B = %V2052.B - 0xe0 : Ps_pt1low = Psp_r1low - 224
(3) %V2020.W = %V201f.W >> 0x4 : Ps_pt1app = Ps_pt1high.W >> 4
(4) %V202e.B = %V2021.B + %V201d.B : Ps_pot1 = %V2021.B + Ps_pt1low

Copyright by...

08 Label: Step: **Ps_stato** %V2003.W **= 3**

Ricavo valore potenziometro mandrino

(1) %V2024.B = %V2057.B - 0xe0 : Ps_pt2high = Psp_r3high - 224
(2) %V2022.B = %V2056.B - 0xe0 : Ps_pt2low = Psp_r3low - 224
(3) %V2025.W = %V2024.W >> 0x4 : Ps_pt2app = Ps_pt2high.W >> 4
(4) %V202f.B = %V2026.B + %V2022.B : Ps_pot2 = %V2026.B + Ps_pt2low

09 Label: Step: **Ps_stato** %V2003.W **= 4**

Richiesta stato tastiera a membrana

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10 Label: Step: **Ps_stato** %V2003.W **= 5** | Calcolo checksum |

(1) %V205d.B = %V2052.B ^ %V2053.B ^ %V2054.B ^ %V2055.B ^ 0x44 : Psp_cheksum = Psp_r1low ^ Psp_r1high ^ Psp_r2low ^ Psp_r2high ^ 68
(2) %V205e.B = (%V205d.B >> 0x4) + 0xe0 : Psp_ch_h = (Psp_cheksum >> 4) + 224
(3) %V205f.B = (%V205d.B & 0xf) + 0xe0 : Psp_ch_l = (Psp_cheksum & 15) + 224

11 Label: Step: **Ps_stato** %V2003.W **= 5** | Verifica checksum

(1) %V205e.B == %V2057.B : Psp_ch_h == Psp_r3high

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12 Label: Step: **Ps_stato** %V2003.W **= 6**

Ricavo stato tasti a membrana

13 Label: Step: **Ps_stato** %V2003.W **= 6**

Ricavo stato tasti a membrana

Copyright by...

14 Label: Step: **Ps_stato** %V2003.W **= 6**

Ps_stato = 7
(T)
%V2003.W = 0x7

goto(FINE)
(T)

15 Label: Step: **Ps_stato** %V2003.W **= 7**

Richiesta stato selettori e communatore assi

Ps_wcodreq = 34
(T)
%V2001.B = 0x22

comout(1, Ps_wstx.&, 3)
(T)
comout(0x1, %V2000.&, 0x3)

Ps_stato = 8
(T)
%V2003.W = 0x8

goto(FINE)
(T)

Copyright by...

16 Label: Step: **Ps_stato** %V2003.W **= 8** | Calcolo checksum

(1) %V205d.B = %V2052.B ^ %V2053.B ^ %V2054.B ^ %V2055.B ^ %V2056.B ^ %V2057.B ^ 0x44 : Psp_cheksum = Psp_r1low ^ Psp_r1high ^ Psp_r2low ^ Psp_r2high ^ Psp_r3low ^ Psp_r3high ^ 68
(2) %V205e.B = (%V205d.B >> 0x4) + 0xe0 : Psp_ch_h = (Psp_cheksum >> 4) + 224
(3) %V205f.B = (%V205d.B & 0xf) + 0xe0 : Psp_ch_l = (Psp_cheksum & 15) + 224

17 Label: Step: **Ps_stato** %V2003.W **= 8** | Verifica checksum

(1) %V205e.B == %V2059.B : Psp_ch_h == Psp_r4high

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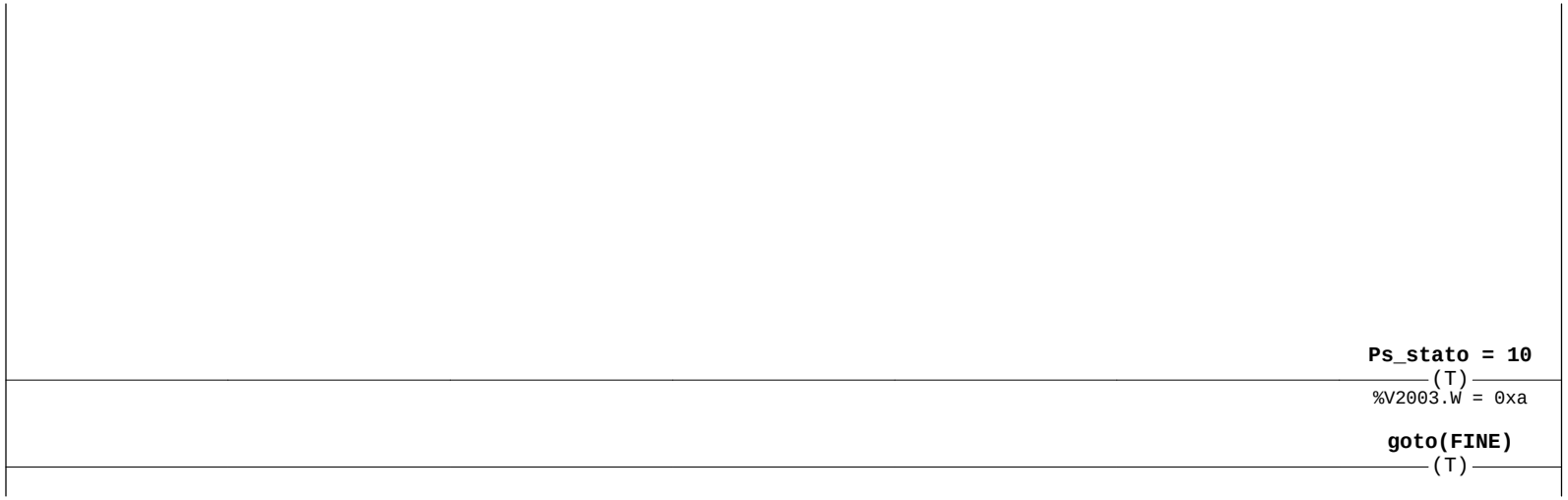
18 Label: Step: **Ps_stato** %V2003.W **= 9**

Ricavo stato selettori e commutatori assi

(1) %V202d.B = %V2052.B - 0xe0 : Ps_selax = Psp_r1low - 224

19 Label: Step: **Ps_stato** %V2003.W **= 9**



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20 Label: Step: **Ps_stato** %V2003.W **= 10**

Scrittura stato led

(1) comout(0x1, %V2005.&, 0x7) : comout(1, Ps_wlstx.&, 7)

21 Label: **FINE** Step:

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