

TRACCIA 15 02 2011

```
μ1  IRX → MAR, 32 → T1, 0 → T2, 0 → T3;  
    if OR(T1)=1 then  
μ2      M[MAR] → MBR, INCR(MAR) → MAR;  
      if !(MBR_0) and !(MBR_1) then  
μ3          MBR → B;  
μ4          T3 → A; // massimo  
μ5          A·B → A;  
      if A_31=1 then  
μ6          MBR → T3, DECR(T1) → T1, go to c;  
      else  
μ7          T2 → A;  
μ5          A·B → A;  
      if A_31=1 then  
μ8          MBR → T2, DECR(T1) → T1, go to c;  
      else  
μ9          DECR(T1) → T1, go to c;  
      end  
    end  
  else  
μ9      DECR(T1) → T1, go to c;  
  else  
μ10     if OR(T1)=0 and OR(T2)=0 then  
      -1 → AC;  
    else  
μ11      T2 → B;  
μ12      T3 → A;  
μ5      A·B → A;  
      if A_31=1 then  
μ13          -B → B;  
μ14          B → AC;  
      else  
μ14          B → AC;  
      end  
    end  
  end  
end
```

F	A _{IR}	Z _{IR}	A _{PC}	K _{PC}	A _{AC}	A _{MAR}	A _{IBR}	S	L	E	A _A	A _B	A _{L0}	A _{L1}	A _{L2}	A _{T1}	K ^o _{T1}	K _{T1}	A _{T2}	K ^o _{T2}	K _{T2}	A _{T3}	K ^o _{T3}	K _{T3}	K _{MAR}	A _{IND}	K _{IND}			Bus Indirizzi		Bus Dati			
																														x ₂ x ₁ x ₀	y ₁ y ₁ y ₀	x ₂ x ₀ x ₀	y ₃ y ₂ y ₁ y ₀		
μ1	0	-	0	-	0	1	0	0	0	-	0	0	-	-	-	1	1	1	1	1	1	1	1	1	0	0	-	-			001	001	---	----	
μ2	0	-	0	-	0	1	1	0	1	-	0	0	-	-	-	0	-	-	0	-	-	0	-	-	1	0	-	-							
μ3	0	-	0	-	0	0	1	0	0	-	0	1	-	-	-	0	-	-	0	-	-	0	-	-	-	0	-	-					001	0110	
μ4	0	-	0	-	0	0	0	0	0	-	1	0	-	-	-	0	-	-	0	-	-	0	-	-	-	0	-	-					111	0101	
μ5	0	-	0	-	0	0	0	0	0	-	1	0	1	1	1	0	-	-	0	-	-	0	-	-	-	0	-	-							
μ6	0	-	0	-	0	0	0	0	0	-	0	0	-	-	-	1	1	0	0	-	-	1	0	0	0	0	-	-					001	1001	
μ7	0	-	0	-	0	0	0	0	0	-	1	0	-	-	-	0	-	-	0	-	-	0	-	-	-	0	-	-					110	0101	
μ8	0	-	0	-	0	0	0	0	0	-	0	0	-	-	-	1	1	0	1	0	0	0	-	-	0	0	-	-					001	1000	
μ9	0	-	0	-	0	0	0	0	0	-	0	0	-	-	-	1	1	0	0	-	-	0	-	-	0	0	-	-							
μ10	0	-	0	-	1	0	0	0	0	-	0	0	-	-	-	0	-	-	0	-	-	0	-	-	-	0	-	1							
μ11	0	-	0	-	0	0	0	0	0	-	0	1	-	-	-	0	-	-	0	-	-	0	-	-	-	0	-	-					110	0110	
μ12	0	-	0	-	0	0	0	0	0	-	1	0	-	-	-	0	-	-	0	-	-	0	-	-	-	0	-	-					111	0101	
μ13	0	-	0	-	0	0	0	0	0	-	0	1	0	1	1	0	-	-	0	-	-	0	-	-	-	0	-	-							
μ14	1	1	0	-	1	0	0	0	0	-	0	0	0	0	0	0	-	-	0	-	-	0	-	-	-	0	-	-					100	0100	
μ15																																			

I	OR(T1)	!(MBR ₀) and !(MBR ₁)	A ₃₁	A ₃₁	OR(T1)=0 and OR(T2)=0	A ₃₁	y ₃ y ₂ y ₁ y ₀	y' ₃ y' ₂ y' ₁ y' ₀	Segnali α
COP8	-	-	-	-	-	-	0000	0001	μ1
COP8	1	-	-	-	-	-	0001	0010	μ2
COP8	1		1	-	-	-	0010	0011	μ3
COP8	1		1	-	-	-	0011	0100	μ4
COP8	1		1	-	-	-	0100	0101	μ5
COP8	1		1	1	-	-	0101	0110	μ6
COP8	1		1	0	-	-	0101	0110	μ7
COP8	1		1	0	-	-	0100	0111	μ5
COP8	1		1	0	1	-	0111	1000	μ8
COP8	1		1	0	0	-	1000	0010	μ9
COP8	1	0		0	0	-	0010	1001	μ9
COP8	0	-		-	-	1	1001	1010	μ10
COP8	0	-		-	-	0	1010	1011	μ11
COP8	0	-		-	-	0	1011	0100	μ12
COP8	0	-		-	-	0	0100	1100	μ5
COP8	0	-		-	-	0	1	1100	μ13
COP8	0	-		-	-	0	1	1101	μ14
COP8	0	-		-	-	0	0	1101	μ14