

C3

```

CLASS_EVAL_SEC
IF (pd_cls_4PID_sec * (sig_sec = valid) * (sig_pri = valid) + pwr_app_pri) THEN
  PD_4pair_cand_sec <- TRUE
ELSE
  PD_4pair_cand_sec <- FALSE
END

```

$(pd\_req\_pwr\_sec \leq pse\_avail\_pwr\_sec) * ted\_timer\_sec\_done * (PD\_4pair\_cand + (sig\_pri \neq valid))$

$(pd\_req\_pwr\_sec > pse\_avail\_pwr\_sec) + (!PD\_4pair\_cand * alt\_pwr\_pri) + !ted\_timer\_sec\_done$

```

POWER_UP_SEC
alt_pwrd_sec <- TRUE
det_start_sec <- FALSE

```

tpon\_timer\_sec\_done

tinrush\_timer\_sec\_done \*  
pwr\_app\_sec \*  
!tpon\_timer\_sec\_done

```

POWER_ON_SEC

```

tinrush\_timer\_sec\_done \*  
(!pwr\_app\_sec +  
(I<sub>Port-2P</sub> ≥ I<sub>Inrush-2P</sub>))

pse\_dll\_capable \*  
!pse\_dll\_enabled

```

DLL_ENABLE
pse_dll_enabled <- TRUE

```

UCT

short\_det\_sec + ovid\_det\_sec +  
option\_vport\_lim

```

ERROR_DELAY_SEC
start ted_timer_sec
alt_pwrd_sec <- FALSE

```

ted\_timer\_sec\_done +  
option\_detect\_ted\_sec

power\_not\_available\_sec \* !short\_det\_sec \*  
!ovid\_det\_sec \* !option\_vport\_lim

```

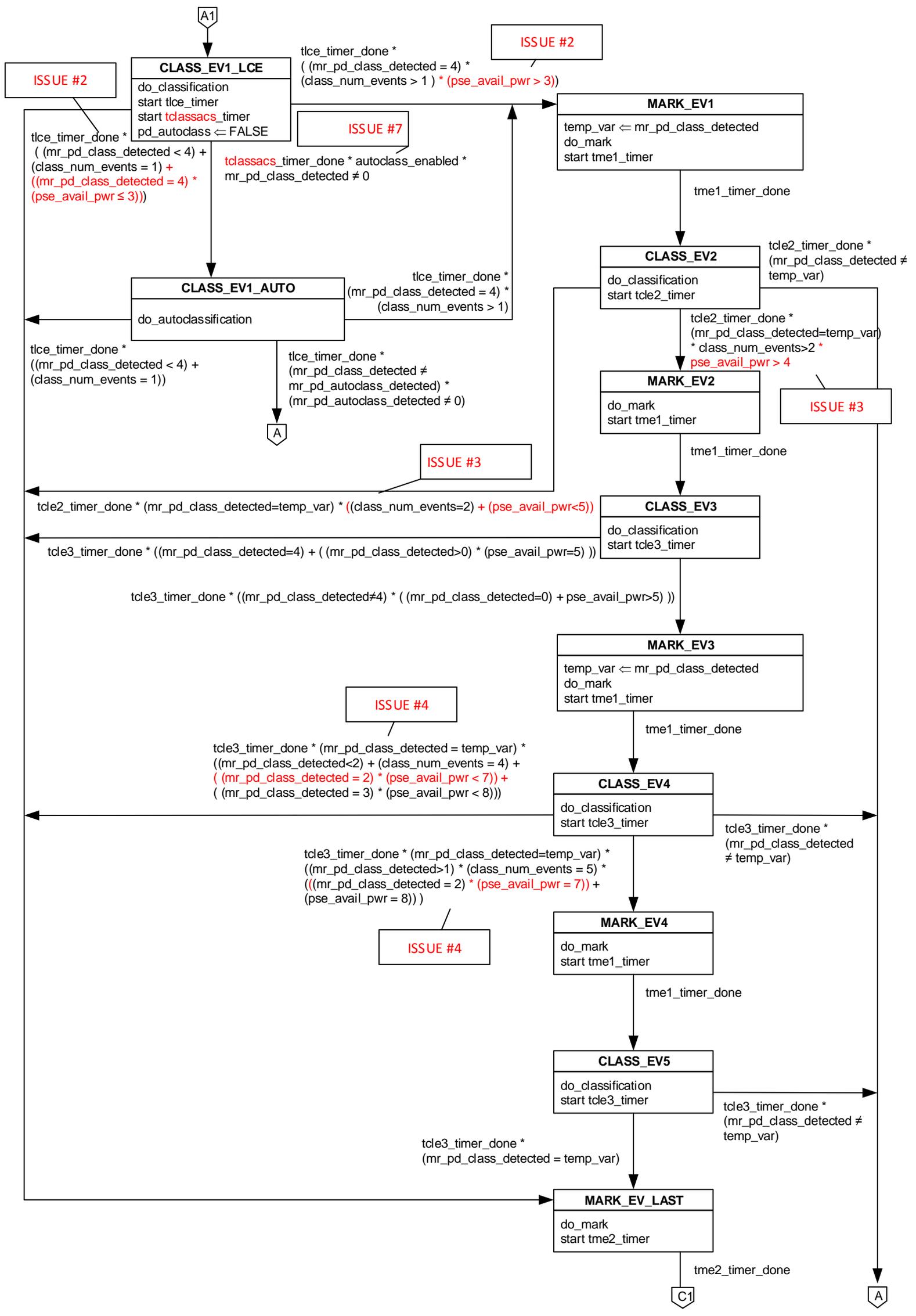
POWER_DENIED_SEC

```

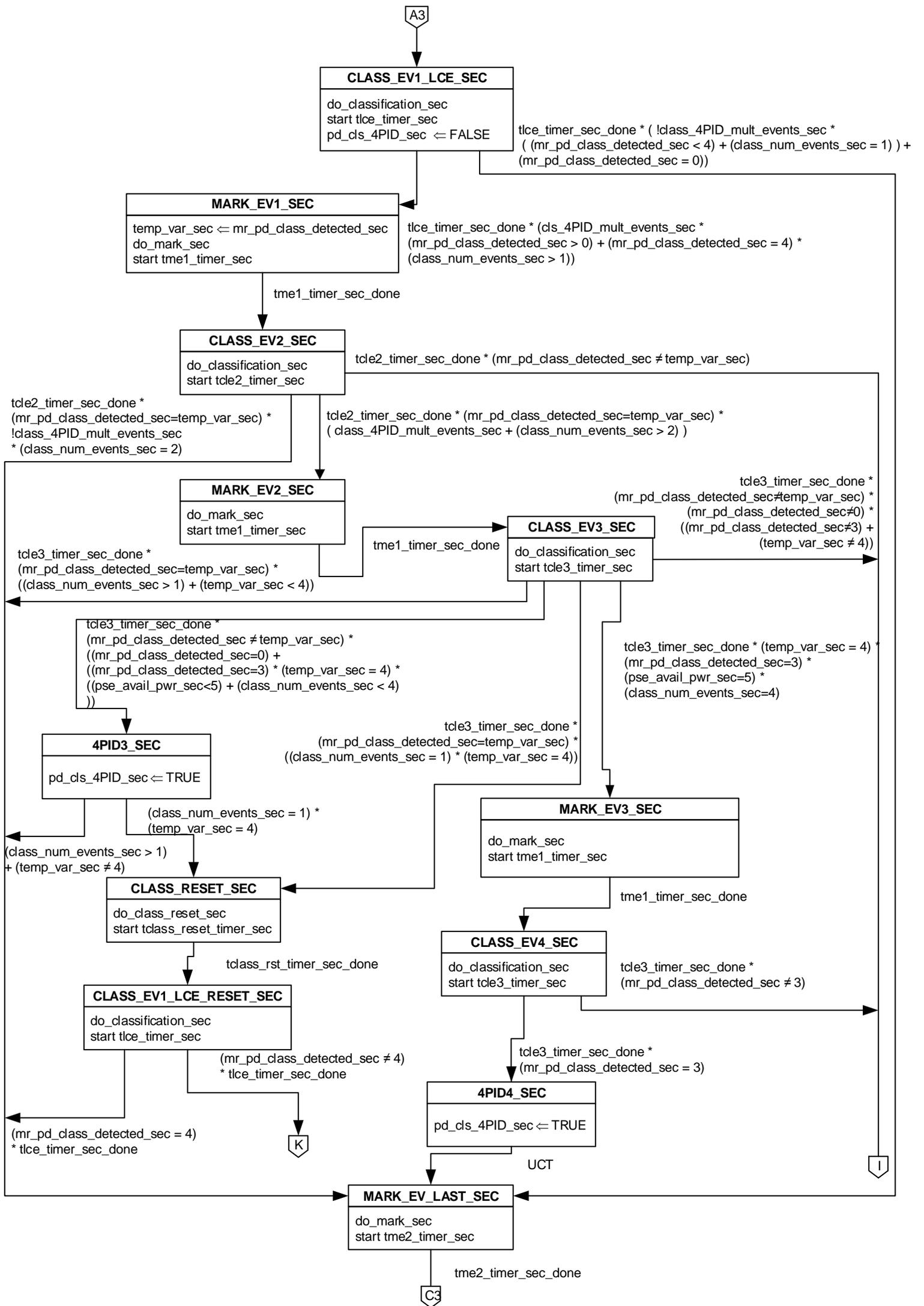
UCT

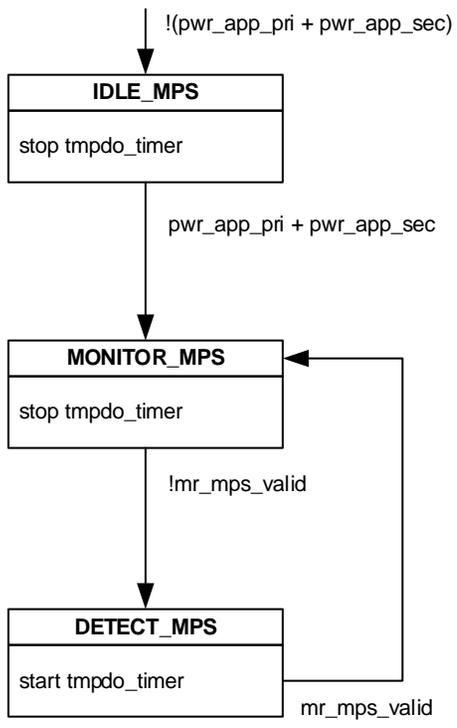
tmpdo\_timer\_sec\_done \*  
!short\_det\_sec \* !ovid\_det\_sec \*  
!power\_not\_available\_sec \*  
!option\_vport\_lim

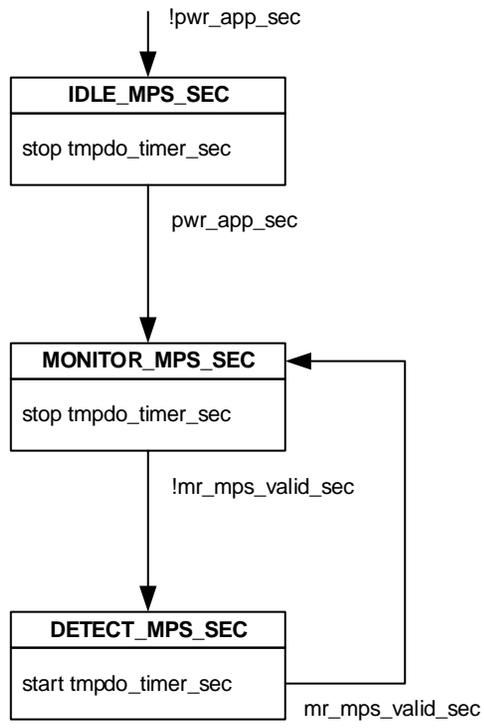
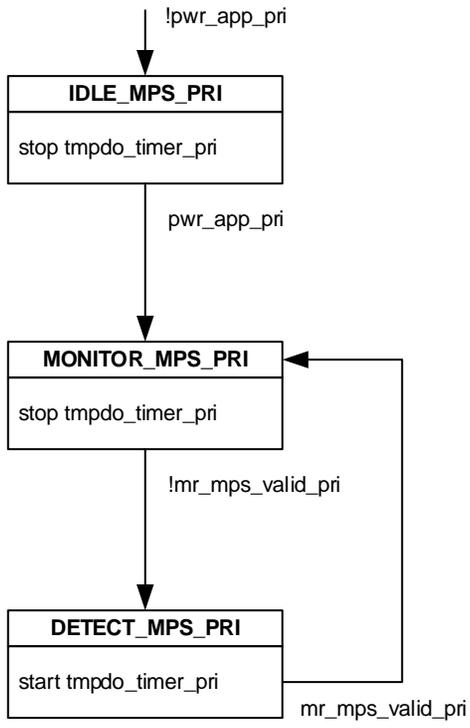
K

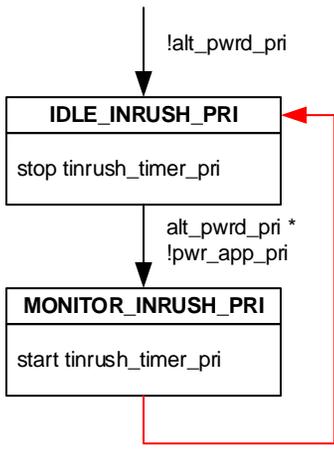




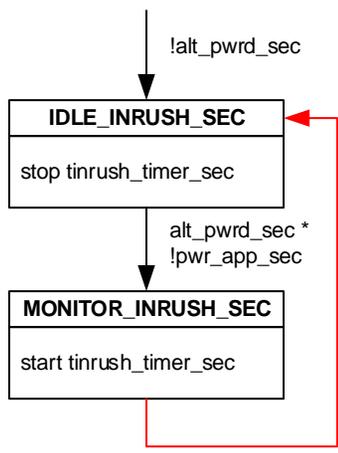








ISSUE #8  
(remove arc)



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