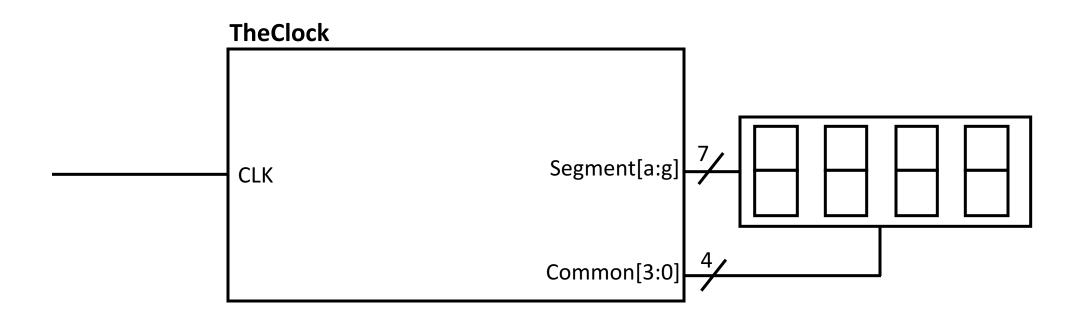
### Top – Down Design

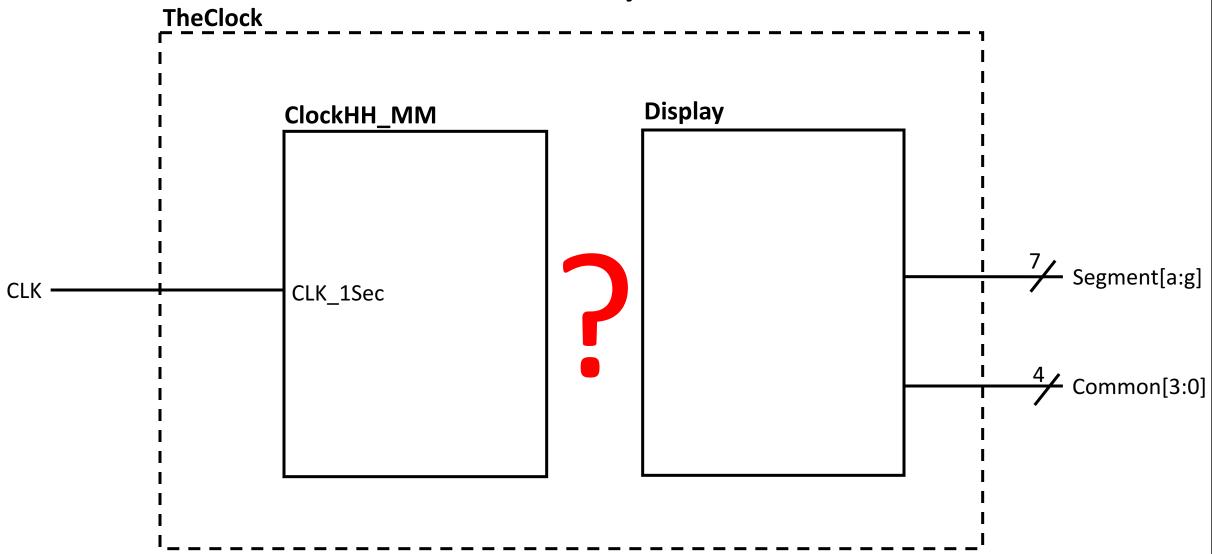


Design a clock show HH:MM on 4 digit of 7-segments

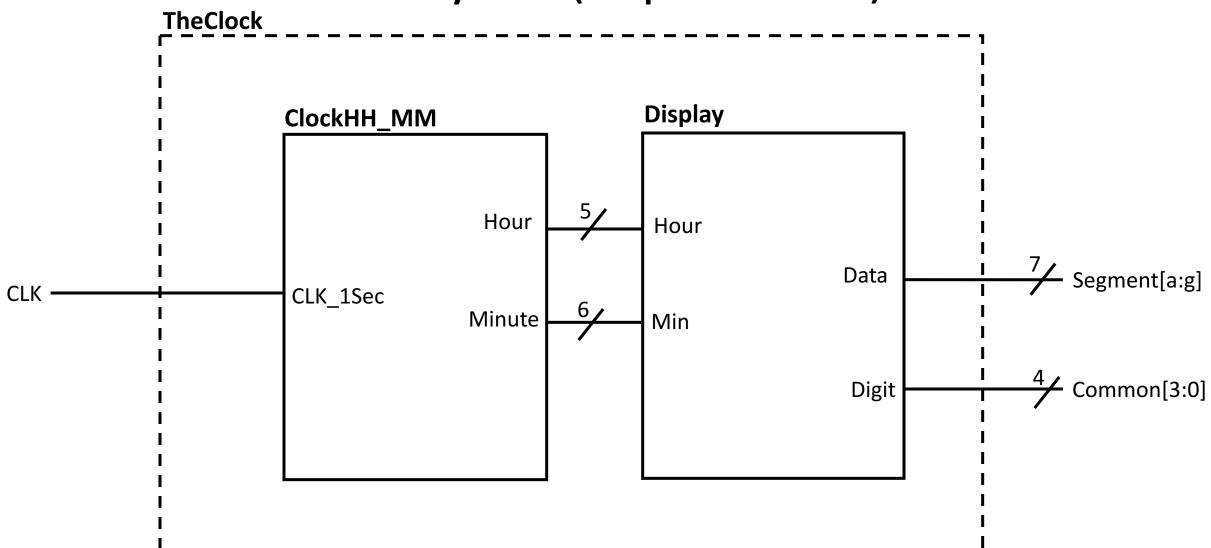
#### Top Layer



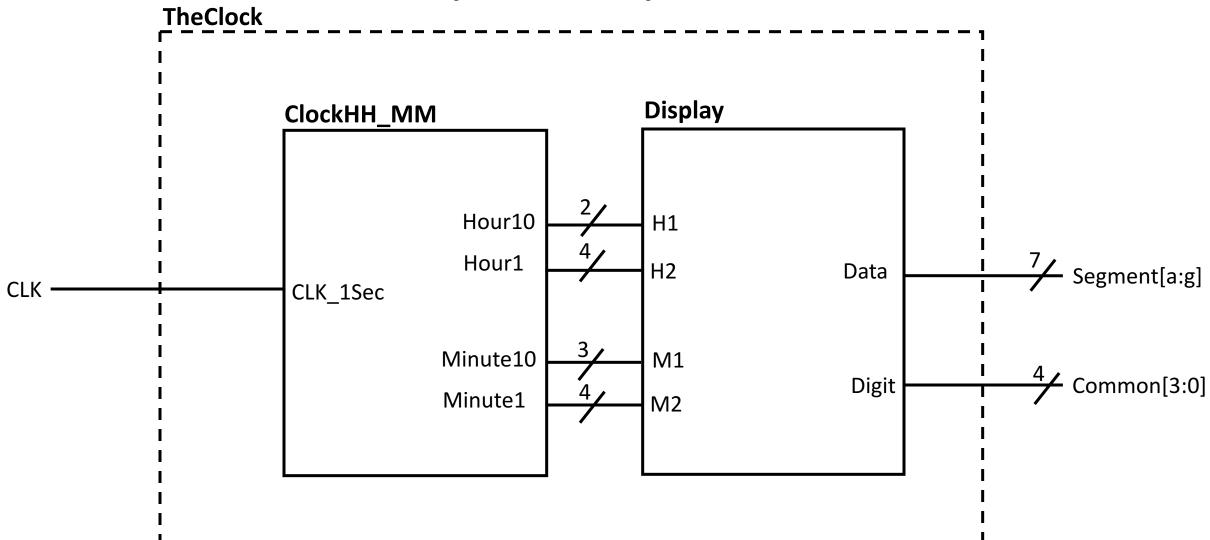
# 2<sup>nd</sup> Layer



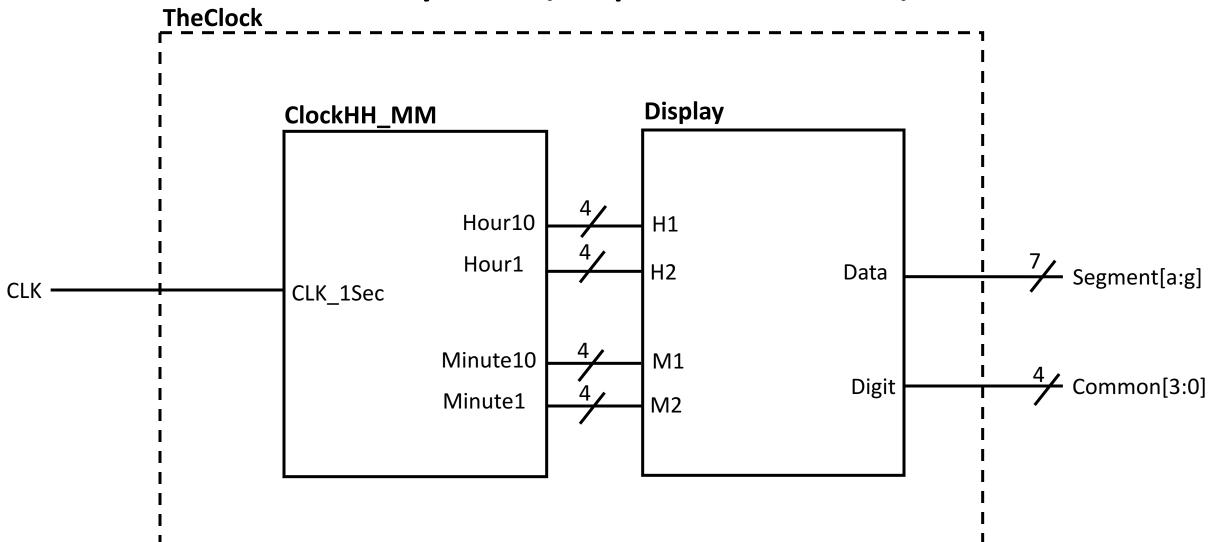
### 2<sup>nd</sup> Layer (Option 1)



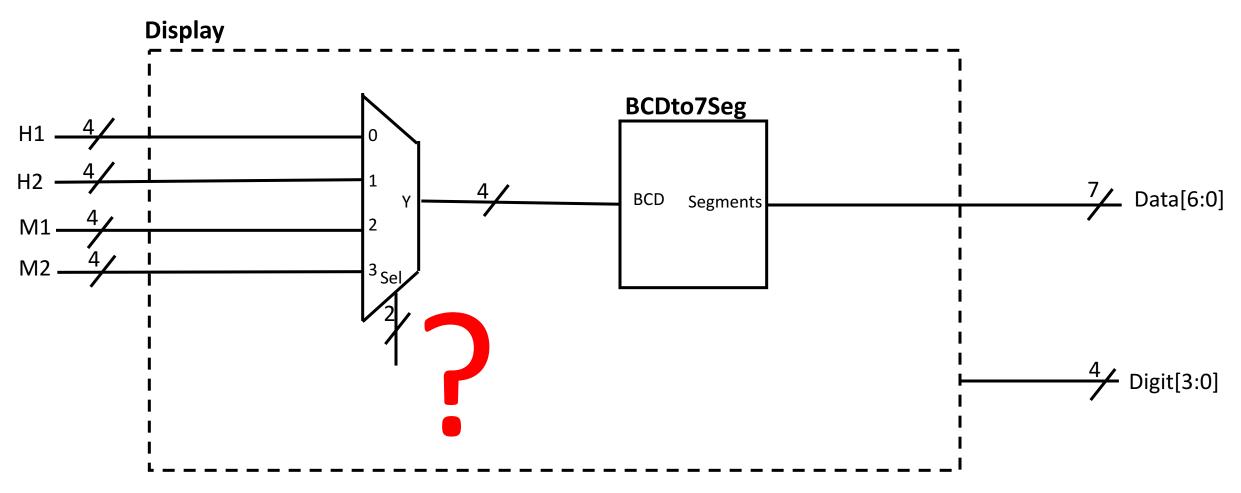
### 2<sup>nd</sup> Layer (Option 2)



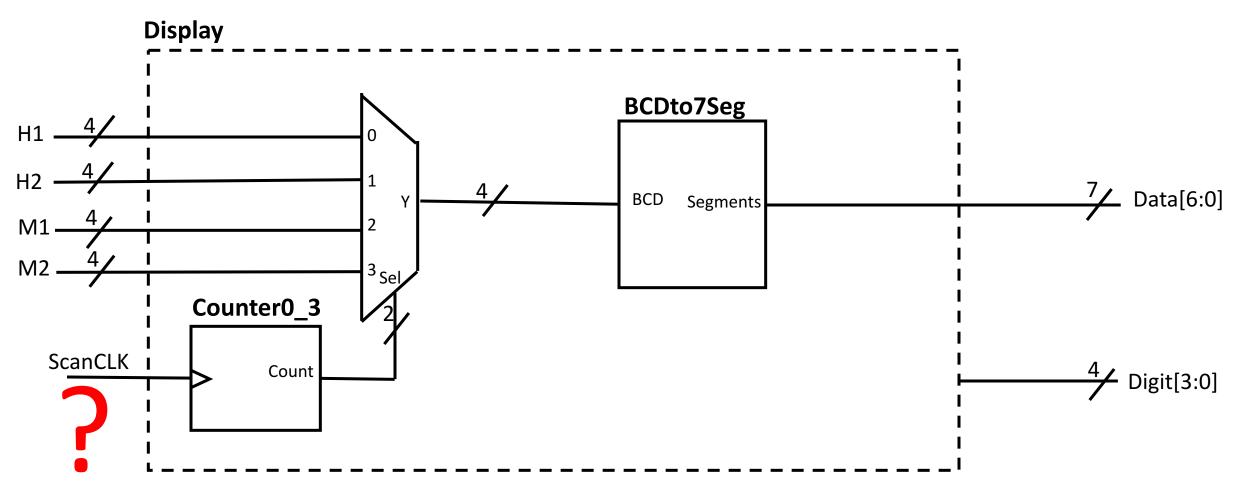
# 2<sup>nd</sup> Layer (Option 2.1)



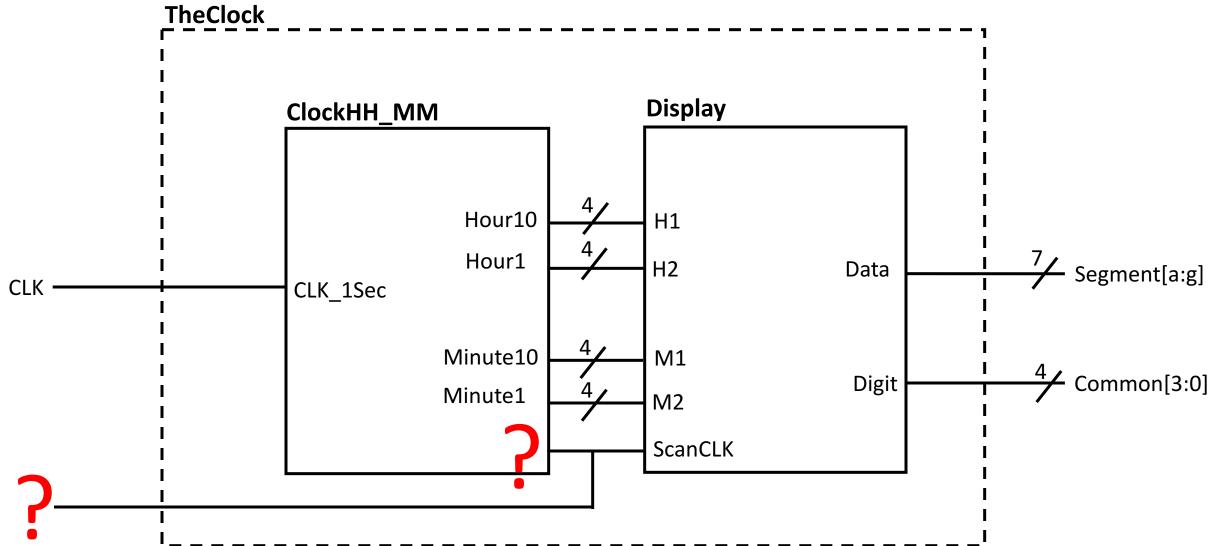
# 3<sup>rd</sup> Layer (Display)



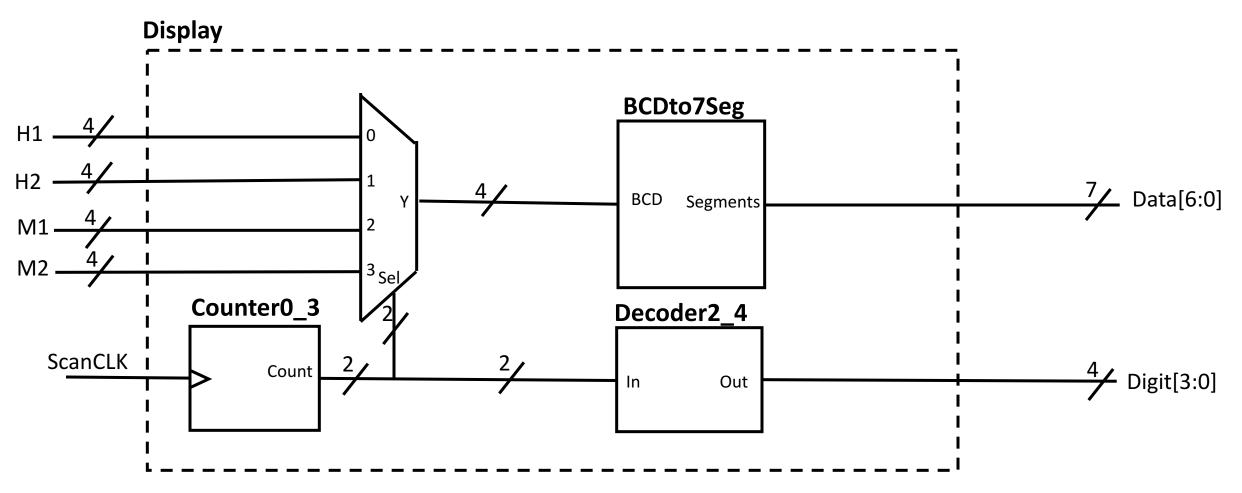
# 3<sup>rd</sup> Layer (Display)



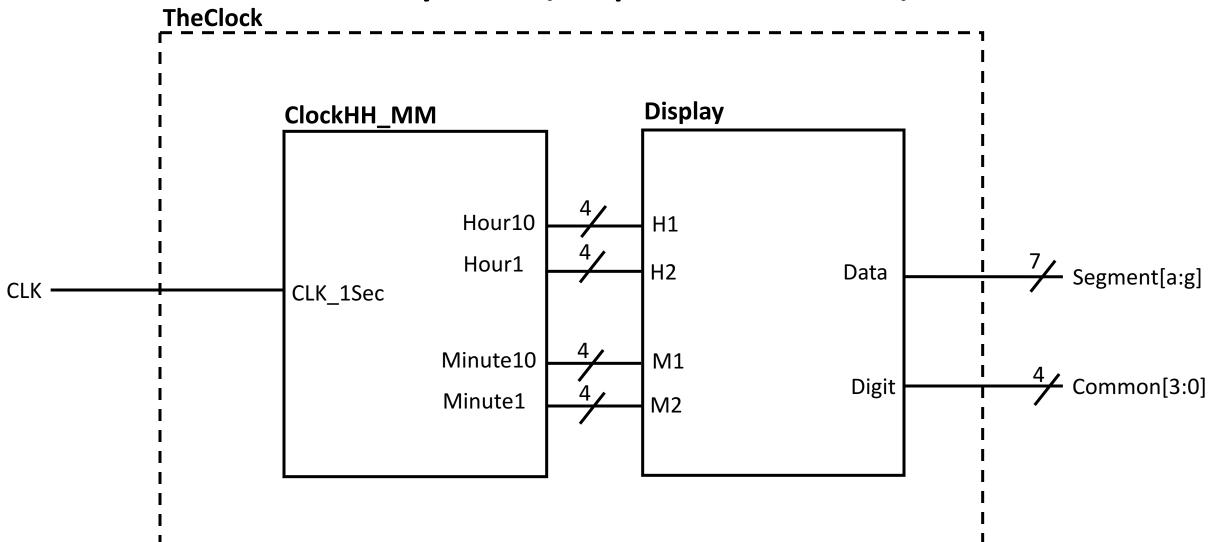
#### 2<sup>nd</sup> Layer (Option 2.1 updated)



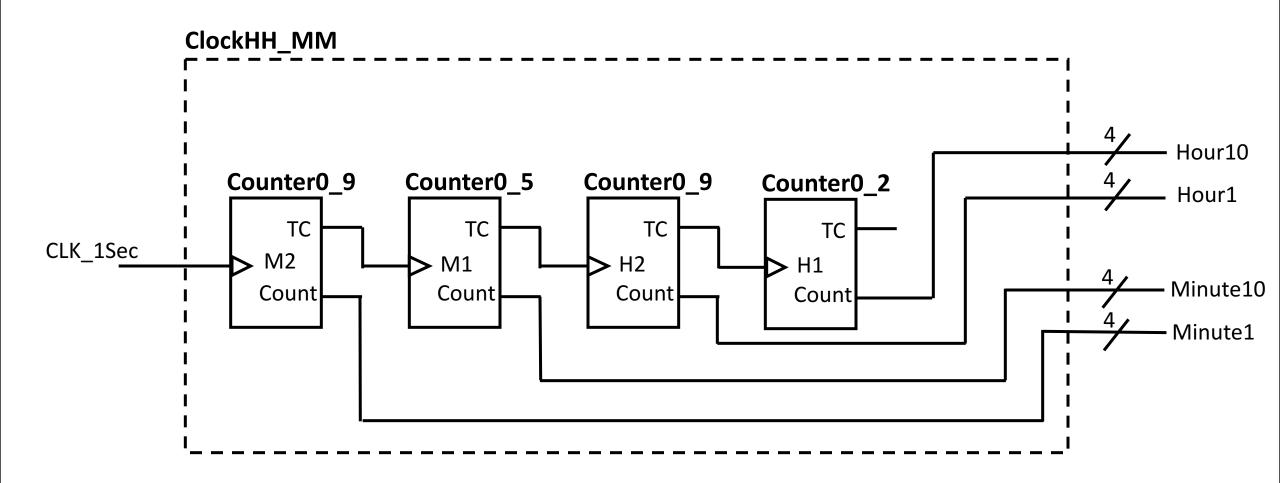
# 3<sup>rd</sup> Layer (Display)



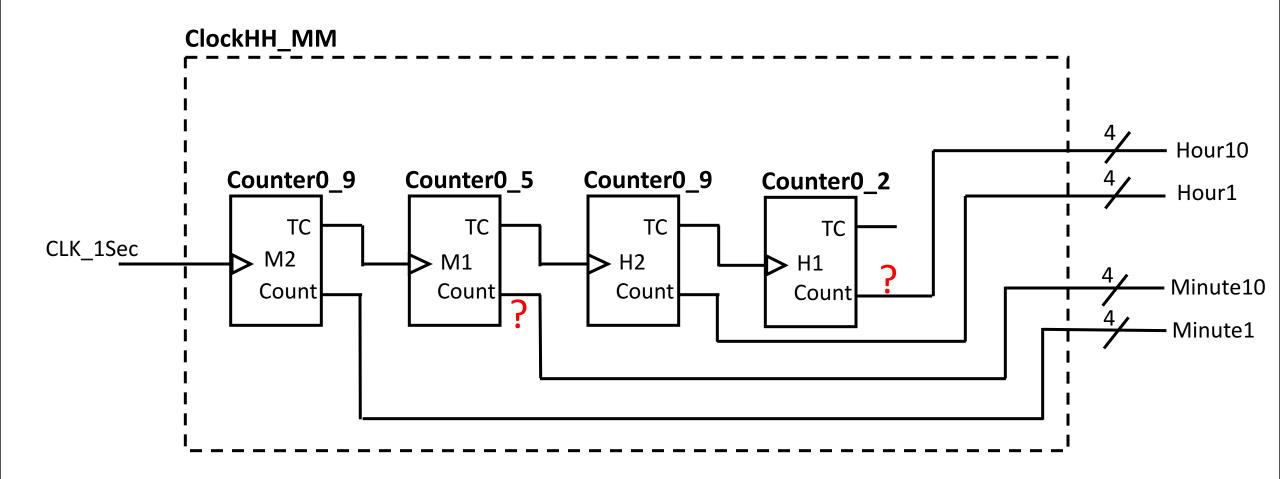
# 2<sup>nd</sup> Layer (Option 2.1)



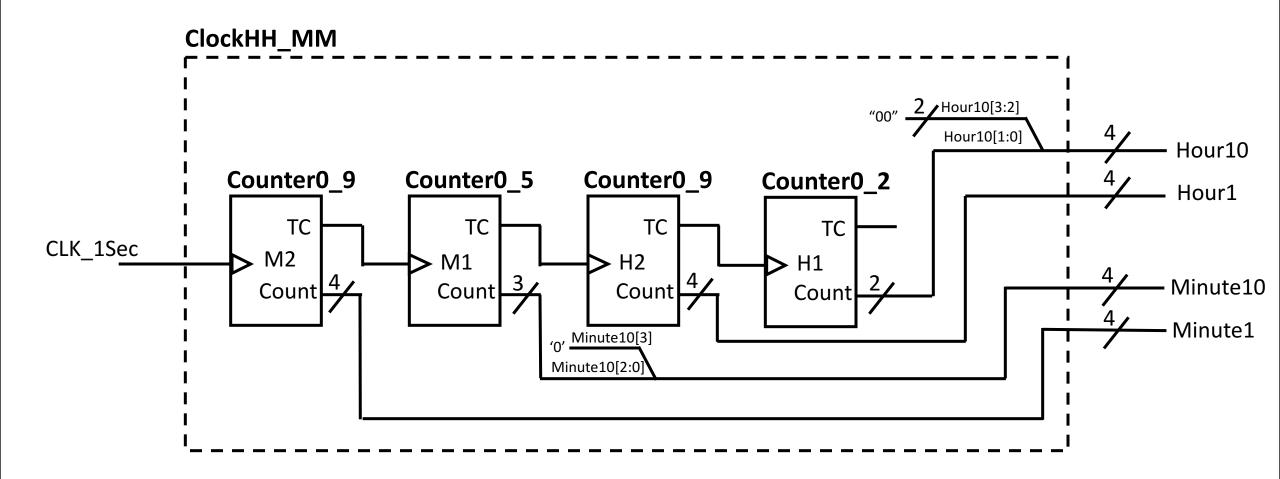
#### 3<sup>rd</sup> Layer (ClockHH\_MM)



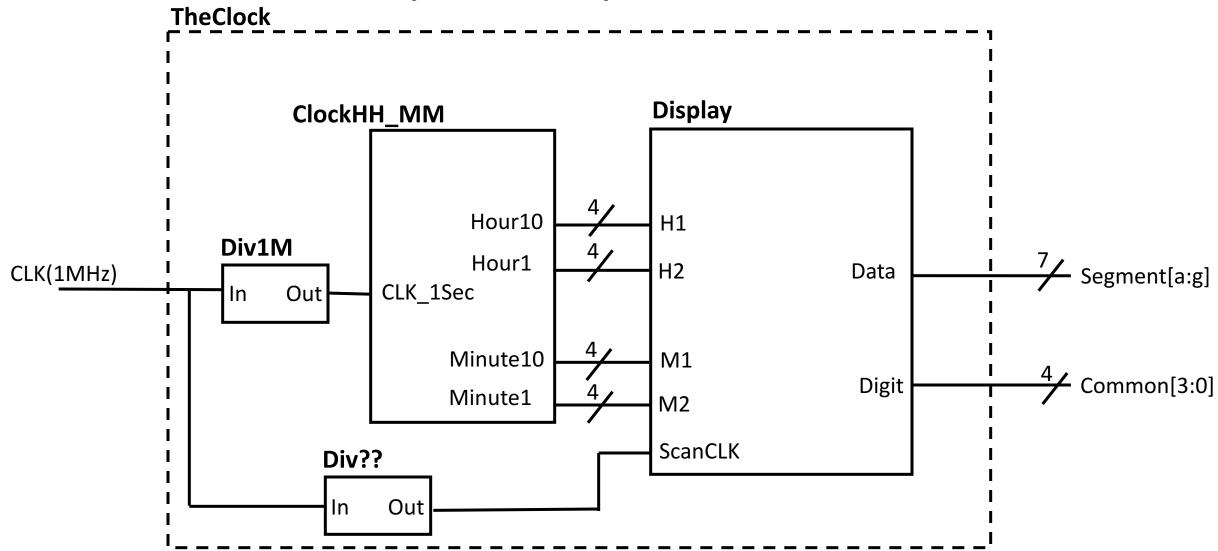
#### 3<sup>rd</sup> Layer (ClockHH\_MM)



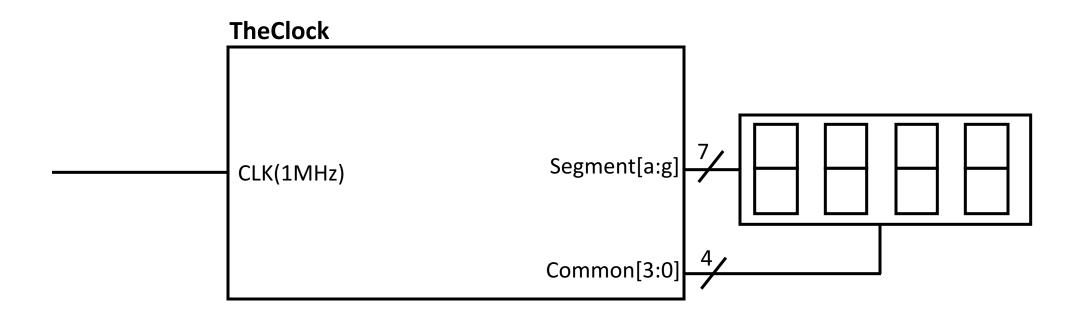
#### 3<sup>rd</sup> Layer (ClockHH\_MM)



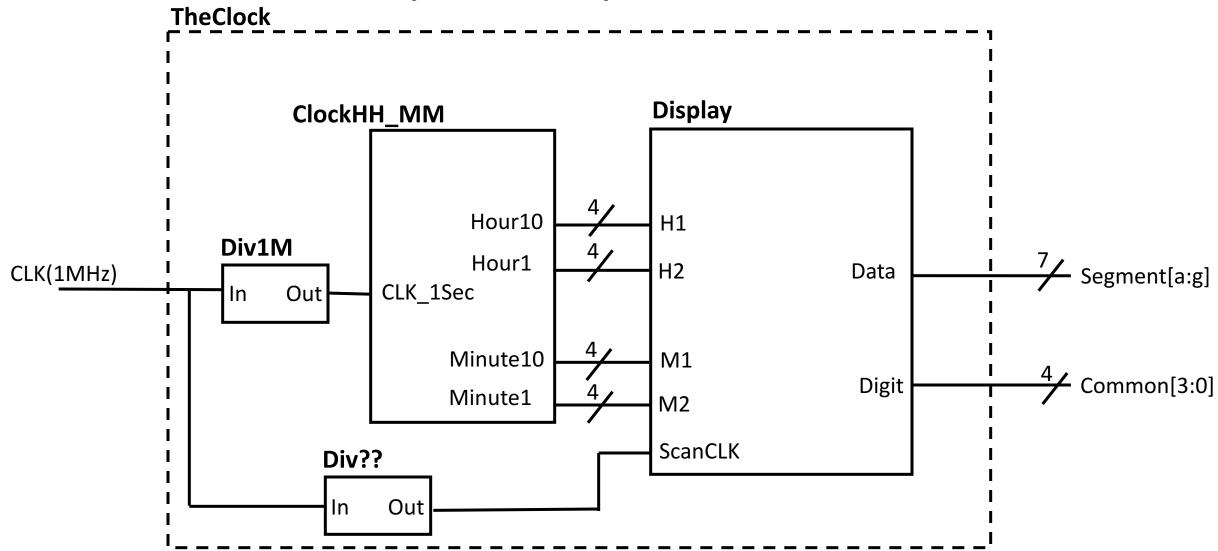
### 2<sup>nd</sup> Layer (Option 2.11)



#### Top Layer

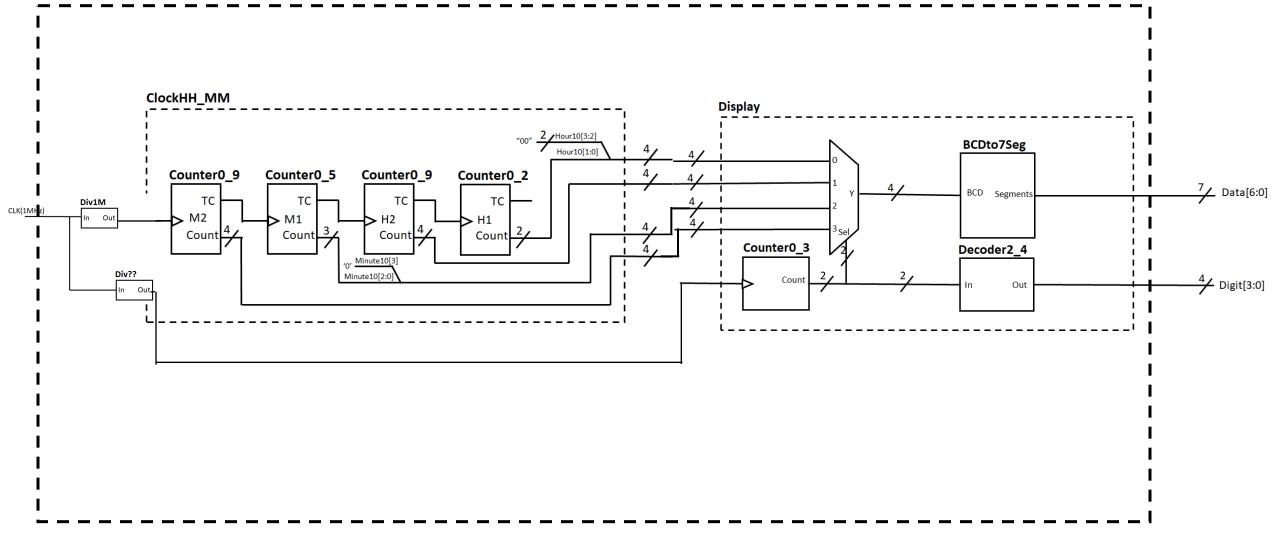


### 2<sup>nd</sup> Layer (Option 2.11)



#### All Layer (Option 2.11)

**TheClock** 



- Show Second

- Show Second
- Set Time

- Show Second
- Set Time
- Alarm Clock

- Show Second
- Set Time
- Alarm Clock
- Snooze