

LABORATORY

Microcontrollers

LAB 4

NAME	KELVIN MAKAKA
MATRICULATION NUMBER	26219
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Task 1.

- Define the address of the RTC chip as 0xD0 to enable data exchange the microcontroller and the RTC module.
- Insert operation that converts Binary Code Decimal into Binary in the *ds1307_decodeBcd()* function.
- Enable data reading in *ds1307_getTime()* function from the minute to year.
- In *ds1307_SetToDefaultTime()* function the function *ds1307_setTime();* is called to set the predefined start time.
- In the main the current time/date is displayed by calling *display_showtime();* function.