

# IR-TEMPERATURE METER SCHEMATIC DIAGRAM

OAMK TIETO- JA VIESTINTÄTEKNIikka  
Tietotekniikan sovellusprojekti  
TVT21SPL

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ANTTI KURKINEN  
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## RTC-CLOCK TO ARDUINO MEGA

RTC GND -> BREADBOARD -

RTC 5V -> BREADBOARD +

RTC SDA -> MEGA D20

RTC SCL -> MEGA D21

## BUZZER TO ARDUINO MEGA

BUZZER GND -> BREADBOARD -

BUZZER 1 -> MEGA D24

## IR-SENSOR TO ARDUINO MEGA

SENSOR VDD -> BREADBOARD +

SENSOR VSS -> BREADBOARD -

SENSOR DIGITAL PIN 1 -> MEGA D20

SENSOR DIGITAL PIN 2 -> MEGA D21

## LASER DIODE TO ARDUINO MEGA

DIODE 1 -> MEGA D22

DIODE 2 -> BREADBOARD –

## PUSH BUTTONS TO ARDUINO MEGA

PUSH BUTTON T1 -> BREADBOARD –

PUSH BUTTON (1) T2 -> NANO D30

## BLUETOOTH MODULE TO ARDUINO MEGA

BLUETOOTH -> MEGA D18

## LCD SCREEN TO ARDUINO MEGA

SCREEN D0 -> MEGA D8

SCREEN D1 -> MEGA D9

SCREEN D2 -> MEGA D2

SCREEN D3 -> MEGA D3

SCREEN D4 -> MEGA D4

SCREEN D5 -> MEGA D5

SCREEN D6 -> MEGA D6

SCREEN D7 -> MEGA D7

SCREEN LCD CS -> MEGA A2

SCREEN LCD RS -> MEGA A3

SCREEN LCD WR -> MEGA A4

SCREEN LCD RST -> MEGA A1

SCREEN SD SS -> MEGA D50

SCREEN SD DI -> MEGA D51

SCREEN SD DO -> MEGA D52

SCREEN SD SCK -> MEGA D53

