C1 1uF
C2 100nF
VCC
VCC
GND
GND

R6 4.7K A2
R1 4.7K A1
R2 4.7K A0
R3 4.7K SQ
R4 4.7K SDA
R5 4.7K SCL
VCC

U2 DS1307
SCL
SDA
Y1 32.768K
SCL VCC 8
SDA VBAT 3
X1 SQW 7
X2 GND 4

VCC
D1
1M R10
SQ
C3 1uF
BT1 CR1220
1M R11
GND

U1 AT24C32
A0
A1
A2
AVCC 8
A1WP 7
A2SCL 6 SCL
GNDA 5 SDA
VCC
GND

J2 PH2.0-4Pin
SDA 1
SCL 2
GND 3
VCC 4

J1
VCC 1
GND 2
SCL 3
SDA 4
SQ 5

A0 R7 200R
A1 R8 200R
A2 R9 200R
GND

MH1 MH2 FD1 FD2

Title: Real Time Clock Module
Code: DFR0151
Drawn: HDJ-CD
Revision: V2.0
Size: A4
Page: 1 of 1
Date: 2024/3/4
Time: 15:25:58
DFROBOT
DRIVE THE FUTURE
210

27.00mm

22.00mm

15.00mm

I2C

VCC
GND
SCL
SDA
SQ

D
C
−
+

Gravity

A0
A1
A2

PCB Information	Name:DFR0151(V2.1.0)	Thickness: 1.6mm
Engineer:HDJ	Top SolderMask: Black	Bottom SolderMask: Black
Date:20240305	Top Silkscreen: White	Bottom Silkscreen: White