OVEN

SSR Box

: Provide power

PN 2222A

:Transistor, helps to control SSR Box

Produce 5V Input

ICL 7660

:Produce -5V

Connected to Channel 1

Connected to Channel 0

LM335

K-Type Thermocouple Wire

Altera DE2

:Collect Data from Channel 0 and 1

MP3004

:analog data into digitalized form

OP 707

:amplifies the reading input voltage