ICL 7660

Produces -5V

Altera DE2

Collect Data from Channel 0 and 1

MP3004

Analog data into digitalized form

OP 707

Amplifies the reading input voltage

PN 2222A

Transistor, helps to control SSR Box

K-Type Thermocouple Wire

LM335

OVEN

SSR Box

: Provide power

Connected to Channel 1

Connected to Channel 0

Produce 5V Input