

REFRIGERATOR

The use of sensors and drivers in refrigerators ensures that these devices can work in a safe and energy-efficient way.

Fan driver
MLX90411

Circulation and condenser fan control

Hall latch
MLX92215

Circulation and condenser fan commutation
BLDC motor commutation

Linear Hall sensor
MLX90290

Door (pressed) position detection
BLDC motor position/angle

Hall switch (omnipolar)
MLX90248

Door open/close detection

Pressure sensor
MLX90817

Compressor pressure monitoring



Contactless temperature sensor

MLX90614 & MLX90632

Thermal camera FIR array

MLX90640

Cabin and food temperature monitoring

Hall current sensor

MLX91210

Compressor current monitoring
BLDC motor control

Hall resolver

MLX90380

3D Hall sensor

MLX90363

BLDC motor position/angle