

ROBOTICS

Sensors are the robot's eyes and ears and allow robots to perceive the outside world whereas actuators make sure robots can move. Discover the Melexis sensing and driving solutions that are a perfect fit for robotic applications.

Linear Hall sensor

MLX90251, MLX90288 & MLX90290

Torque sensing

ToF 3D camera sensor chip

MLX75023

ToF 3D camera companion chip

MLX75123

Obstacle & people detection

Thermal camera FIR array

MLX90640

People detection

Programmable Hall switch

MLX92232 & MLX92292

End-position detection

3D Hall sensor

MLX90393 & MLX90363

Linear, angle,
3D position detection

LED driver

MLX81108/9

Ambient light

Hall current sensor

MLX91210

BLDC motor control
Power consumption
Current sensing

BLDC motor pre-drivers

MLX83202

BLDC motor control

Fan driver

MLX90287

GPU/CPU Cooling
Air quality sensing

Hall latch

MLX92215

BLDC motor commutation

Linear Hall sensor

MLX90290

Hall resolver

MLX90380

BLDC motor position/angle