

1. Document scope

This errata sheet describes a list of deviation of some MLX90392 variant with regards to the product datasheet.

1.1 Related documentation

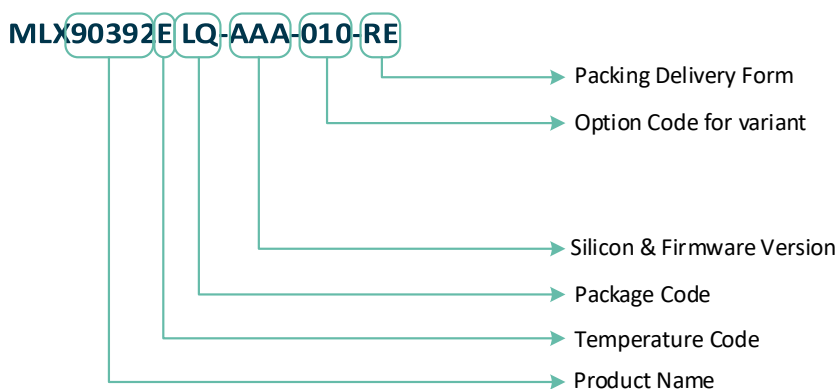
MLX90392_Datasheet_rev001
 MLX90392_Datasheet_rev002

1.2 Affected Products

Ordering Code	Temperature	Package	Type	Output	Packing
MLX90392ELQ-AAA-010-RE	-40°C to 85°C	UTDFN-8 2x2.5	+/-5mT	I2C	Reel
MLX90392ELQ-AAA-010-SP	-40°C to 85°C	UTDFN-8 2x2.5	+/-5mT	I2C	Sample pack

Table 1 – Affected Products

Legend:



1.3 Affected Lot

The lot with Date code 21/02 (Year/Week) is affected by these changes of specifications. This date code is indicated on the package marking as **021** (WWY). Please refer to marking section of the datasheet for more details.

For any other lots with a different date code, one can refer to the standard datasheet.

2. Change description

The deviation on the specification are relative to the chapter **Self test mode**.

The following table replaces the one in the datasheet for the affected products:

Self-test Judgment (used by the customer)

The following criteria will help the user to decide if the sensor is correctly calibrated.

	X[15:0]	Y[15:0]	Z[15:0]	Units
Criteria	$-150 \leq X \leq 150$	$-150 \leq Y \leq 150$	$-330 \leq Z \leq -70$	LSB16

The typical magnetic field generated by the internal coil is around $33\mu\text{T}$ at room temperature. The self-test judgement are the expected values over temperature and voltage variations

3. Revision history

Revision	Date	Change history
001	12-Apr-2021	Errata sheet for version -010

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