AN5095
Application note

Reflow method recommendation for the VL53L0 and VL53L0X

Thomas Frank

Introduction

This application note provides information on the reflow method of STMicroelectronic's laser-ranging modules: VL53L0 and VL53L0X.

1 Recommendation

The recommended reflow profiles are detailed in the VL53L0 and VL53L0X datasheets.

Please also consider that since the VL53L0 and VL53L0X packages are not sealed, only a dry reflow process should be used (such as convection reflow). Vapor phase reflow is not suitable for this type of optical component. The VL53L0 and VL53L0X are optical components and as such, they should be treated carefully. This would typically involve using a ‘no-wash’ assembly process.

2 Revision history

Table 1. Document revision history

Date	Revision	Changes
23-Oct-2017	1	Initial release

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