Míele
ELECTRONIC

Miele@home
Operational Description
EK038
Version 1.0

Revision History

Date	Version	Description	Author	Department
20.06.2016	1.0	Initial manual for FCC/IC	F. Laube	GTE/DPS

Reviewed By

Date	Version	Name	Department

Approvals

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Operational Description

The EK038 is a wireless network interface module for Miele domestic appliances like hoods, hobs, cooling devices or washing machines. The module supports the IEEE 802.15.2 ZigBee ® standard. The EK038 module is designed to solder on PCB during manufacturing. The Module will only be used in Miele domestic appliances.

The EK038 is based on CC2538 ZigBee SOC Controller and has a board design in stamp form factor. The Chip controls the IEEE 802.15.4 RF and handles the ZigBee stack. The Chip also handles the connection to the domestic appliance via a serial link and Miele protocol.