

AVNET ASIA PTE LTD
151 LORONG CHUAN #06-03
NEW TECH PARK
SINGAPORE 556741

ATTN: LIM CHOON SHYAN
(ASSOCIATE DIRECTOR)

Dear Sirs,

EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS

Registration Number: G4622-19

Based on the declaration of conformity that you have submitted and such other information as may be provided by you, the Info-communications Media Development Authority ("IMDA") hereby confirms under regulation 20 (6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") that the equipment set out below is designed and constructed in accordance with the standards and specifications published by IMDA under regulation 20(2)(b) of the Dealers Regulations.

Equipment Description

Manufacturer	:	NORDIC SEMICONDUCTOR ASA
Country of Origin/Import	:	Poland/Norway
Technical Specification	:	IMDA TS IOT
Type of Equipment	:	NB-IOT B8 Module
Brand/Trade Name	:	Nordic Semiconductor
Model Name	:	nRF9160
Frequency Range	(Tx) :	880 - 915 MHz
	(Rx) :	925 - 960 MHz
RF Power Output	:	23 dBm (LTE B8 NB-IoT)
Date of Registration	:	23 October 2019
Date of Expiry	:	30 September 2024

The information herein is intended for the recipient only and should not be relied upon by any other person in making any decision or for any other purpose.

This is a computer generated printout. No signature is required.

Information on Equipment Registration¹

1. Equipment registration under regulation 20(6) shall be valid for a period of 5 years. [Regulation 20(6) of the Dealers Regulations.]
2. The registration may be renewed for periods not exceeding 5 years upon an application being made to IMDA. [Regulation 20(7) of the Dealers Regulations.]
3. Any modification to the registered equipment may require a re-submission or amendment of existing registration. [Regulation 20(8) of the Dealers Regulations.]
4. No false or misleading information shall be furnished to IMDA for the purpose of obtaining any equipment registration, renewal of registration or amendment of registration. [Regulation 21(1) of the Dealers Regulations.]
5. Any registration, renewal of registration or modification of registration granted as a result of submission of false or misleading information shall be null and void. [Regulation 21(2) of the Dealers Regulations.]
6. Any person who contravenes regulation 21(1) and submits false or misleading information shall be guilty of an offence. [Regulation 24 of the Dealers Regulations.]
7. In addition to registration, a licence from IMDA may be required for the operation of certain radio-communication equipment.²

**Radio-communication Equipment which requires Assignment of Operating
Frequency and Output Power**

1. A successful registration of any radio-communication equipment should not be construed as any form of representation by IMDA that the specific operating frequency of the equipment will be granted or made available by IMDA for the use or operation of the equipment in Singapore.
2. In no circumstance does IMDA represent to any equipment supplier or telecom dealer who sells any registered radio-communication equipment for use in Singapore or any person who buys such equipment that IMDA will grant or make available any specific operating frequency to the supplier, dealer or person for use with the equipment.
3. Separate written approvals should be sought and obtained from IMDA for the assignment of the operating frequency and the output power for the use with any registered radio-communication equipment. The grant and assignment of any specific operating frequency and the allocation of the output power for any radio-communication equipment shall be at the sole discretion of IMDA.
4. Equipment suppliers or telecom dealers shall ensure that the buyers of the equipment obtain the necessary approvals from IMDA to operate in any assigned frequency band and the allocated power output before the sale of the radio-communication equipment.

Without prejudice to the foregoing, telecom dealers or equipment sellers are required to comply with all applicable laws, regulations and codes of practice

1 Please refer to the "IMDA Guide for Registration of Telecommunication Equipment" for further information on equipment registration.

2 Please refer to the relevant technical specifications for Radio-communication Equipment for more information.