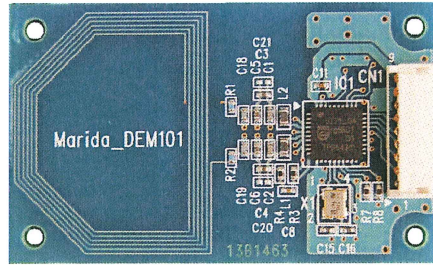


## NFC “Near Field Communication” Module



### Specification :

|                         |  |
|-------------------------|--|
| External Size           | 30 X 50X t 7mm                                       |
| Power Supply Voltage    | DC3. 3V $\pm$ 5%                                     |
| Current Consumption     | Less than 150mA (Oscillation) , Less than 1mA (Stop) |
| Communication Frequency | 13. 56 MHz   |
| Mass                    | 6 g  |
| Radio Standard          | ARIB STD-T82   |
| Communication Standard  | NFCIP -1 (ISO / I EC 18092)                          |
| Host Interface          | UART   |

### Summary :

DNP has developed new NFC module for developing embedded applications. NFC “Near Field Communication” is the communication standard that supports contactless communication with 3 different types of IC cards; FeliCa, ISO/IEC14443-A, and ISO/IEC14443-B, each in different communication standards. This means that one NFC compliant Reader-Writer (R/W) could read and write 3 different types of contactless IC cards. NFC also offers the possibility to communicate to other NFC compliant devices, so embedding NFC to variety of devices such as any home appliances, office equipments, and mobile headsets is much considerable. These include printer, security gate, and cell phone.