

# GaN Power Amplifier

| Item No.  | Frequency (GHz) | Gain (dB) | Power Output (dBm) | Voltage(V) | Current(A) | PAE (%) | Operation Condition | Dimension (mm) |
|-----------|-----------------|-----------|--------------------|------------|------------|---------|---------------------|----------------|
| NDNC01027 | 2-6             | 25        | 43                 | 28         | 2.8        | 35      | CW                  | 3.5*4.1*0.08   |
| NDNC01056 | 2-20            | 12        | 40                 | 28         | 1.6        | 20      | CW                  | 4.7*2.3*0.08   |
| NDNC01064 | 2-18            | 13        | 40                 | 28         | 1.2        | 20      | CW                  | 5.2*2.5*0.08   |
| NDNC01065 | 2-18            | 16        | 40                 | 28         | 2.0        | 20      | CW                  | 4.8*3.5*0.08   |
| NDNC01030 | 5-6             | 33        | 48                 | 28         | 7          | 48      | Pulse               | 3.7*5.5*0.08   |
| NDNC01026 | 6-7.5           | 31        | 47                 | 28         | 7          | 40      | Pulse               | 3.4*5.3*0.08   |
| NDNC01053 | 6-18            | 27        | 42                 | 28         | 2.5        | 25      | CW                  | 3.5*3.55*0.08  |
| NDNC01040 | 8-12            | 25        | 27                 | 28         | 0.22       | /       | Pulse               | 2.2*1.2*0.08   |
| NDNC01042 | 8-12            | 28        | 42                 | 28         | 1.5        | 35      | CW                  | 2.5*3.8*0.08   |
| NDNC01044 | 8-12            | 28        | 43                 | 28         | 2.9        | 40      | Pulse               | 2.5*3.8*0.08   |
| NDNC01047 | 8-12            | 27        | 47                 | 28         | 5.7        | 43      | Pulse               | 5.3*4.0*0.08   |
| NDNC01038 | 8.5-10.5        | 27        | 47                 | 28         | 4.6        | 48      | Pulse               | 5.3*4.0*0.08   |
| NDNC01011 | 10-18           | 22        | 43                 | 28         | 4          | 32      | Pulse               | 2.4*3.2*0.08   |
| NDNC01055 | 14-18           | 23        | 47                 | 28         | 7          | 34      | Pulse               | 3.3*4.3*0.1    |
| NDNC01050 | 15-17           | 28        | 42                 | 28         | 1.6        | 33      | Pulse               | 2.3*1.9*0.08   |
| NDNC01025 | 33-37           | 20        | 41                 | 24         | 2.6        | 30      | Pulse               | 2.8*3.4*0.08   |
| NDNC01060 | 37-43           | 18        | 39                 | 20         | 3.5        | 15      | CW                  | 3.5*4*0.08     |
| NDNC01062 | 92-96           | 14.5      | 30                 | 15         | 0.45       | 15.5    | CW                  | 3.4*1.43*0.05  |

Note: All the MMICs above are delivered with die form, packaged form is also available if required.