DISTRIBUTION

| P | Process Change Notice |  |
|---|-----------------------|--|

Issue Date: 2019/8/30

TDK Corporation

MAGNETICS BG

GM

Teppei Watanabe

CLF series: Change of lifecycle status.

## Dear Distributor Partner,

Thank you for your business and continued interest in TDK's magnetics products.

This letter is to inform you of the production status change for the following attached list of products.

As part of a revised strategy in order to retain the balance of the product mix, the products included in this document have been selected to update its lifecycle status as follows:

## Subject:

Lifecycle status change for the attached magnetics products list.

| Series Affected | Life cycle Status Update              | Comments   |  |
|-----------------|---------------------------------------|--|--|
| CLF-T           | To Active (Production) from NRND (Not | Please refer to attached list for detailed parts |  |
|                 | Recommended for New Designs).         | list   |  |

We will continue supporting normal production these parts for existing and new programs in the foreseeable future.

Thank you for your understanding.

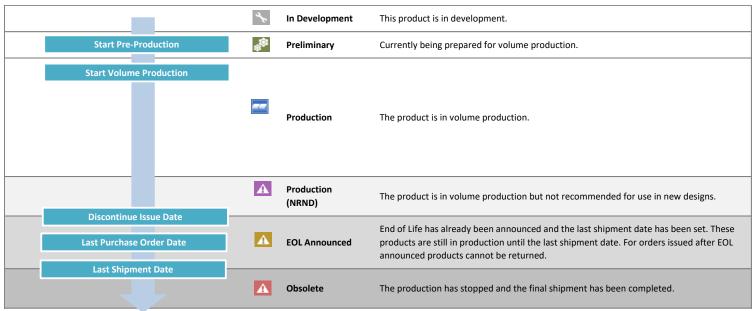
Sincerely yours Teppei Watanabe

Product Marketing, Magnetics Business Group TDK Electronics Components Business Group

## **TDK Lifecycle Description**

Detailed description of TDK Lifecycle stages.

- Inductors
  - https://product.tdk.com/en/search/inductor/inductor/lead/part\_no/
- EMC Components
  - o Ferrite Beads
  - o https://product.tdk.com/en/search/emc/emc/beads/part\_no/
  - O Common Mode Filters
  - o https://product.tdk.com/en/search/emc/emc/cmf\_cmc/part\_no/



Build-To-Order This is a built-to-order product.

## List of the Applicable Part No. (Page 1 of 2)

| No. | Customer Item Number | TDK Item Name    | Current status | Revised status |
|-----|----------------------|------------------|----------------|----------------|
| 1   | CLF10040T-100M-D     | CLF10040T-100M-D | NRND           | Active         |
| 2   | CLF10040T-101M-D     | CLF10040T-101M-D | NRND           | Active         |
| 3   | CLF10040T-150M-D     | CLF10040T-150M-D | NRND           | Active         |
| 4   | CLF10040T-151M-D     | CLF10040T-151M-D | NRND           | Active         |
| 5   | CLF10040T-1R0N-D     | CLF10040T-1R0N-D | NRND           | Active         |
| 6   | CLF10040T-1R5N-D     | CLF10040T-1R5N-D | NRND           | Active         |
| 7   | CLF10040T-220M-D     | CLF10040T-220M-D | NRND           | Active         |
| 8   | CLF10040T-221M-D     | CLF10040T-221M-D | NRND           | Active         |
| 9   | CLF10040T-2R2N-D     | CLF10040T-2R2N-D | NRND           | Active         |
| 10  | CLF10040T-330M-D     | CLF10040T-330M-D | NRND           | Active         |
| 11  | CLF10040T-331M-D     | CLF10040T-331M-D | NRND           | Active         |
| 12  | CLF10040T-3R3N-D     | CLF10040T-3R3N-D | NRND           | Active         |
| 13  | CLF10040T-470M-D     | CLF10040T-470M-D | NRND           | Active         |
| 14  | CLF10040T-471M-D     | CLF10040T-471M-D | NRND           | Active         |
| 15  | CLF10040T-4R7N-D     | CLF10040T-4R7N-D | NRND           | Active         |
| 16  | CLF10040T-680M-D     | CLF10040T-680M-D | NRND           | Active         |
| 17  | CLF10040T-6R8N-D     | CLF10040T-6R8N-D | NRND           | Active         |
| 18  | CLF12555T-100M-D     | CLF12555T-100M-D | NRND           | Active         |
| 19  | CLF12555T-101M-D     | CLF12555T-101M-D | NRND           | Active         |
| 20  | CLF12555T-150M-D     | CLF12555T-150M-D | NRND           | Active         |
| 21  | CLF12555T-151M-D     | CLF12555T-151M-D | NRND           | Active         |
| 22  | CLF12555T-1R0N-D     | CLF12555T-1R0N-D | NRND           | Active         |
| 23  | CLF12555T-1R5N-D     | CLF12555T-1R5N-D | NRND           | Active         |
| 24  | CLF12555T-220M-D     | CLF12555T-220M-D | NRND           | Active         |
| 25  | CLF12555T-221M-D     | CLF12555T-221M-D | NRND           | Active         |
| 26  | CLF12555T-2R2N-D     | CLF12555T-2R2N-D | NRND           | Active         |
| 27  | CLF12555T-330M-D     | CLF12555T-330M-D | NRND           | Active         |
| 28  | CLF12555T-331M-D     | CLF12555T-331M-D | NRND           | Active         |
| 29  | CLF12555T-3R3N-D     | CLF12555T-3R3N-D | NRND           | Active         |
| 30  | CLF12555T-470M-D     | CLF12555T-470M-D | NRND           | Active         |
| 31  | CLF12555T-471M-D     | CLF12555T-471M-D | NRND           | Active         |
| 32  | CLF12555T-4R7N-D     | CLF12555T-4R7N-D | NRND           | Active         |
| 33  | CLF12555T-680M-D     | CLF12555T-680M-D | NRND           | Active         |
| 34  | CLF12555T-6R8N-D     | CLF12555T-6R8N-D | NRND           | Active         |
| 35  | CLF6045T-100M-D      | CLF6045T-100M-D  | NRND           | Active         |

| 37         CLF6045T-150M-D         CLF6045T-151M-D         Active           38         CLF6045T-151M-D         CLF6045T-151M-D         NRND         Active           39         CLF6045T-1R0N-D         CLF6045T-1R5N-D         NRND         Active           40         CLF6045T-1R5N-D         CLF6045T-1R5N-D         NRND         Active           41         CLF6045T-220M-D         CLF6045T-220M-D         NRND         Active           42         CLF6045T-221M-D         CLF6045T-221M-D         NRND         Active           43         CLF6045T-221M-D         CLF6045T-221M-D         NRND         Active           44         CLF6045T-331M-D         CLF6045T-330M-D         NRND         Active           45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-3783N-D         CLF6045T-3783N-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-680M-D         NRND         Active           50         CLF6045T-680M-D         NRND         Active                        | 36 | CLF6045T-101M-D | CLF6045T-101M-D | NRND | Active |
|---|----|-----------------|-----------------|------|--------|
| 39         CLF6045T-IRON-D         CLF6045T-IRON-D         NRND         Active           40         CLF6045T-IRSN-D         CLF6045T-IRSN-D         NRND         Active           41         CLF6045T-220M-D         CLF6045T-220M-D         NRND         Active           42         CLF6045T-221M-D         CLF6045T-221M-D         NRND         Active           43         CLF6045T-330M-D         CLF6045T-222N-D         NRND         Active           44         CLF6045T-330M-D         CLF6045T-330M-D         NRND         Active           45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-373N-D         CLF6045T-373N-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           52         CLF7045T-100M-D         CLF7045 | 37 | CLF6045T-150M-D | CLF6045T-150M-D | NRND | Active |
| 40         CLF6045T-IR5N-D         CLF6045T-125N-D         NRND         Active           41         CLF6045T-220M-D         CLF6045T-220M-D         NRND         Active           42         CLF6045T-221M-D         CLF6045T-221M-D         NRND         Active           43         CLF6045T-22N-D         CLF6045T-22N-D         NRND         Active           44         CLF6045T-330M-D         CLF6045T-330M-D         NRND         Active           45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-33N-D         CLF6045T-331M-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-47N-D         CLF6045T-680M-D         NRND         Active           50         CLF6045T-688M-D         CLF6045T-688M-D         NRND         Active           51         CLF6045T-688N-D         CLF6045T-688N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-150M-D         CLF7045T-15 | 38 | CLF6045T-151M-D | CLF6045T-151M-D | NRND | Active |
| 41         CLF6045T-220M-D         CLF6045T-221M-D         NRND         Active           42         CLF6045T-221M-D         CLF6045T-221M-D         NRND         Active           43         CLF6045T-22N-D         CLF6045T-22N-D         NRND         Active           44         CLF6045T-330M-D         CLF6045T-330M-D         NRND         Active           45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-373N-D         CLF6045T-373M-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-47N-D         CLF6045T-680M-D         NRND         Active           50         CLF6045T-688M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-688N-D         CLF6045T-680M-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-1 | 39 | CLF6045T-1R0N-D | CLF6045T-1R0N-D | NRND | Active |
| 42         CLF6045T-221M-D         CLF6045T-221M-D         NRND         Active           43         CLF6045T-2R2N-D         CLF6045T-2R2N-D         NRND         Active           44         CLF6045T-330M-D         CLF6045T-330M-D         NRND         Active           45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-4R7N-D         CLF6045T-487N-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-680M-D         CLF6045T-688N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-110M-D         CLF7045T-150M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-180N-D         CLF7045 | 40 | CLF6045T-1R5N-D | CLF6045T-1R5N-D | NRND | Active |
| 43         CLF6045T-2R2N-D         CLF6045T-2R2N-D         NRND         Active           44         CLF6045T-330M-D         CLF6045T-330M-D         NRND         Active           45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-373N-D         CLF6045T-373N-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-477N-D         CLF6045T-471M-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-688N-D         CLF6045T-688N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-150M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-180N-D         CLF7045T-180N-D         NRND         Active           56         CLF7045T-185N-D         CLF7045 | 41 | CLF6045T-220M-D | CLF6045T-220M-D | NRND | Active |
| 44         CLF6045T-330M-D         CLF6045T-330M-D         NRND         Active           45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-3783N-D         CLF6045T-3783N-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-4R7N-D         CLF6045T-680M-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-688N-D         CLF7045T-100M-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-180N-D         CLF7045T-180N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-185N-D         NRND         Active           58         CLF7045T-220M-D         CLF70 | 42 | CLF6045T-221M-D | CLF6045T-221M-D | NRND | Active |
| 45         CLF6045T-331M-D         CLF6045T-331M-D         NRND         Active           46         CLF6045T-3R3N-D         CLF6045T-3R3N-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-4R7N-D         CLF6045T-680M-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-6R8N-D         CLF6045T-6R8N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           56         CLF7045T-18N-D         CLF7045T-18N-D         NRND         Active           57         CLF7045T-18N-D         CLF7045T-18N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-22 | 43 | CLF6045T-2R2N-D | CLF6045T-2R2N-D | NRND | Active |
| 46         CLF6045T-3R3N-D         CLF6045T-3R3N-D         NRND         Active           47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-4R7N-D         CLF6045T-4R7N-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-68N-D         CLF6045T-68N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-175N-D         CLF7045T-175N-D         NRND         Active           57         CLF7045T-220M-D         CLF7045T-221M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-330M-D         CLF7045T- | 44 | CLF6045T-330M-D | CLF6045T-330M-D | NRND | Active |
| 47         CLF6045T-470M-D         CLF6045T-470M-D         NRND         Active           48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-4R7N-D         CLF6045T-4R7N-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-688N-D         CLF0045T-100M-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-15M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-18N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-18N-D         CLF7045T-120M-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-221M-D         NRND         Active           59         CLF7045T-221M-D         NRND         Active           60         CLF7045T-330M-D         CLF7045T-330M-D         NRND       | 45 | CLF6045T-331M-D | CLF6045T-331M-D | NRND | Active |
| 48         CLF6045T-471M-D         CLF6045T-471M-D         NRND         Active           49         CLF6045T-4R7N-D         CLF6045T-4R7N-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-6R8N-D         CLF6045T-6R8N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1RON-D         CLF7045T-1RON-D         NRND         Active           57         CLF7045T-1RON-D         CLF7045T-1RON-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           61         CLF7045T-331M-D         CLF7045 | 46 | CLF6045T-3R3N-D | CLF6045T-3R3N-D | NRND | Active |
| 49         CLF6045T-4R7N-D         CLF6045T-4R7N-D         NRND         Active           50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-688N-D         CLF6045T-6R8N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1R0N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           61         CLF7045T-331M-D         CLF7045T-331M-D         NRND         Active           62         CLF7045T-3R3N-D         CLF7045 | 47 | CLF6045T-470M-D | CLF6045T-470M-D | NRND | Active |
| 50         CLF6045T-680M-D         CLF6045T-680M-D         NRND         Active           51         CLF6045T-6R8N-D         CLF6045T-6R8N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1R0N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-222N-D         CLF7045T-222N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         CLF7045T-3733N-D         NRND         Active           63         CLF7045T-470M-D         CLF704 | 48 | CLF6045T-471M-D | CLF6045T-471M-D | NRND | Active |
| 51         CLF6045T-6R8N-D         CLF6045T-6R8N-D         NRND         Active           52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-220M-D         NRND         Active           58         CLF7045T-221M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           61         CLF7045T-331M-D         CLF7045T-331M-D         NRND         Active           62         CLF7045T-3R3N-D         CLF7045T-3R3N-D         NRND         Active           63         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         CLF7045 | 49 | CLF6045T-4R7N-D | CLF6045T-4R7N-D | NRND | Active |
| 52         CLF7045T-100M-D         CLF7045T-100M-D         NRND         Active           53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1R0N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-2R2N-D         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         CLF7045T-3R3N-D         NRND         Active           63         CLF7045T-3R3N-D         CLF7045T-470M-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-471M-D         NRND         Active           65         CLF7045T-4R7N-D         CLF7045 | 50 | CLF6045T-680M-D | CLF6045T-680M-D | NRND | Active |
| 53         CLF7045T-101M-D         CLF7045T-101M-D         NRND         Active           54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1R0N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-22N-D         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         CLF7045T-471M-D         NRND         Active           66         CLF7045T-680M-D         CLF7045T | 51 | CLF6045T-6R8N-D | CLF6045T-6R8N-D | NRND | Active |
| 54         CLF7045T-150M-D         CLF7045T-150M-D         NRND         Active           55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1R0N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-2R2N-D         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         CLF7045T-471M-D         NRND         Active           66         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active  | 52 | CLF7045T-100M-D | CLF7045T-100M-D | NRND | Active |
| 55         CLF7045T-151M-D         CLF7045T-151M-D         NRND         Active           56         CLF7045T-1R0N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active  | 53 | CLF7045T-101M-D | CLF7045T-101M-D | NRND | Active |
| 56         CLF7045T-1R0N-D         CLF7045T-1R0N-D         NRND         Active           57         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-2R2N-D         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         CLF7045T-680M-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active   | 54 | CLF7045T-150M-D | CLF7045T-150M-D | NRND | Active |
| 57         CLF7045T-1R5N-D         CLF7045T-1R5N-D         NRND         Active           58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-2R2N-D         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active  | 55 | CLF7045T-151M-D | CLF7045T-151M-D | NRND | Active |
| 58         CLF7045T-220M-D         CLF7045T-220M-D         NRND         Active           59         CLF7045T-221M-D         NRND         Active           60         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active   | 56 | CLF7045T-1R0N-D | CLF7045T-1R0N-D | NRND | Active |
| 59         CLF7045T-221M-D         CLF7045T-221M-D         NRND         Active           60         CLF7045T-2R2N-D         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active  | 57 | CLF7045T-1R5N-D | CLF7045T-1R5N-D | NRND | Active |
| 60         CLF7045T-2R2N-D         CLF7045T-2R2N-D         NRND         Active           61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active   | 58 | CLF7045T-220M-D | CLF7045T-220M-D | NRND | Active |
| 61         CLF7045T-330M-D         CLF7045T-330M-D         NRND         Active           62         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active  | 59 | CLF7045T-221M-D | CLF7045T-221M-D | NRND | Active |
| 62         CLF7045T-331M-D         NRND         Active           63         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         CLF7045T-680M-D         NRND         Active   | 60 | CLF7045T-2R2N-D | CLF7045T-2R2N-D | NRND | Active |
| 63         CLF7045T-3R3N-D         NRND         Active           64         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         NRND         Active  | 61 | CLF7045T-330M-D | CLF7045T-330M-D | NRND | Active |
| 64         CLF7045T-470M-D         NRND         Active           65         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         NRND         Active   | 62 | CLF7045T-331M-D | CLF7045T-331M-D | NRND | Active |
| 65         CLF7045T-471M-D         CLF7045T-471M-D         NRND         Active           66         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         NRND         Active  | 63 | CLF7045T-3R3N-D | CLF7045T-3R3N-D | NRND | Active |
| 66         CLF7045T-4R7N-D         CLF7045T-4R7N-D         NRND         Active           67         CLF7045T-680M-D         NRND         Active   | 64 | CLF7045T-470M-D | CLF7045T-470M-D | NRND | Active |
| 67 CLF7045T-680M-D CLF7045T-680M-D NRND Active  | 65 | CLF7045T-471M-D | CLF7045T-471M-D | NRND | Active |
|   | 66 | CLF7045T-4R7N-D | CLF7045T-4R7N-D | NRND | Active |
| 68 CLF7045T-6R8N-D CLF7045T-6R8N-D NRND Active  | 67 | CLF7045T-680M-D | CLF7045T-680M-D | NRND | Active |
|   | 68 | CLF7045T-6R8N-D | CLF7045T-6R8N-D | NRND | Active |