



AMENDMENT

to the

Samsung Electro-Mechanics Product Change Notification

17th December 2015

※ List of contents in the notification (15th November 2015) has been amended to make clear understanding. Amended clauses are highlighted as below.

[SEMCO Market Price Project (MPP) Change Notification in Americas]

Dear Valued Customer ; **Digi-Key**

Samsung Electro-Mechanics announces changes to the available MPP parts listing, effective 8th December 2015. This notification relates to A) part number additions, B) part number changes (PCN) **which can be replaced with alternative parts** and **C) part numbers which are NOT be to promoted to new customers and D) part numbers which SEMCO will no longer produce.**

A) Newly Added Parts

848 new parts have been added to a total of over 20 thousand active **MPP** parts, including automotive, polymer tantalum etc.

B) Parts removed from active production status

● These parts will be replaced with alternative parts. (177 parts)

1) Old Automotive MLCC PN's **(Replaceable)**

- Applicable to 62 parts
Samsung PN: CL*****5PN*, CL*****4PN*
- Reason: Samsung has changed the internal electrode material from precious metal to base metal for performance and cost reasons. New PN's have been listed in the attached file. Precious metal parts will **NOT suggested for new customer promotion.**

2) Reel Type changes **(Replaceable)**

- Applicable to 48 parts
Samsung PN: Various

- Reason: These 48 parts are not common reel type products. For the better availability and effective inventory control, these parts will be removed from MPP list. The alternative parts with standard reel type have been listed in the part number file.

3) Improved performance parts (Replaceable)

- Applicable to 67 parts
Samsung PN: Various
- Reason: Some part numbers will be withdrawn to be replaced with parts which meet or exceed existing specifications. This will simplify the duplicated similar parts while providing at least same or better functionality in part numbers which are now most common. Replacement PN's have been listed in the attached file

C) Part numbers which are NOT be to promoted to new customers (1,216 parts)

1) Reverse Concave Type Resistors (NOT suggested for new customer promotion)

- Applicable to 1,164 parts
Samsung PN: RN*****CS, RNS*****CS
- Reason: Business levels in these types of resistor arrays have decreased and with that reason these part number series will be withdrawn. Alternate part series with similar functionality are already available.

2) 01005 and 0201 C0G dielectric electrode material changes (NOT suggested for new customer promotion)

- Applicable to 27 parts
Samsung PN: CL02C*****ANNC, CL03C*****ANNC
- Reason: For performance and cost reasons the internal electrode material used on 01005 and 0201 C0G(NP0) capacitors has been changed to base metal in line with industry trends., Precious metal electrode parts will no longer be available. Replacement parts with similar or improved performance are listed in the attached file.

3) Technical Issue - DC bias and others (NOT suggested for new customer promotion)

- Applicable to 4 parts
Samsung PN: CL05A156MR5NUNC , CL05B105KQ5NQNC,
CL10X226MR8NUNE, CLL6A474MQTBLNE
- Reason: The parts listed have been temporarily removed from the MPP list

※ The originally listed part (CL10B475KQ8NQNC) has proven okay to use from Dec 7th, 2015.

4) Production technical Issue – unexpected (NOT suggested for new customer promotion)

- Applicable to 21 parts

Samsung PN: CL02A182KP2NNNC, CL02C060BO2GNNC, CL02C070BO2GNNC,
CL02C080BO2GNNC, CL02C200GO2GNNC, CL02C3R4BO2GNNC,
CL02C4R5BO2GNNC, CL02C560JQ2NNNC, CL02C5R5BO2GNNC,
CL02C5R6BO2GNNC, CL02C5R8BO2GNNC, CL02C6R5BO2GNNC
CL02C6R9BO2GNNC, CL02C7R8BO2GNNC, CL02C820JQ2NNNC
CL02C8R4BO2GNNC, CL02C8R5BO2GNNC, CL02C8R8BO2GNNC
CL02C9R5BO2GNNC, CL02C9R8BO2GNNC, CL05A395MQ5NQDC

- Reason: The parts listed have been temporarily removed from the MPP list.

D) Parts which is no longer available (76parts)

1) MLCC Array (No longer available)

- Applicable to 5 parts
Samsung PN: CL14A*****C
- Reason: Market demand for this product line has decreased to the point where manufacturing cannot be continued efficiently with reasonable lead times and MOQ's. Therefore manufacturing will be ended and no replacement parts are available,

2) 3mm Soft Termination MLCC (No longer Available)

- Applicable to 71 parts
Samsung PN: CL *****Z46* (Z46 series)
- Reason: Development of this product line has been delayed due to lack of current customer interest. Mass production plans have been suspended for the time being.

For more information concerning each part, please see the attached file.

If you have any questions regarding this notification, please contact your local sales personnel.



Regards

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