Product Change Notice

QD4-099 Rev.A0

Product(s) Affected:
AAEON NANOCOM-BT-A10 & NANOCOM-BTW2-A10 Product Series, including all standard Part Numbers, R Part Numbers, and C Part Numbers.

- Date Effective: Aug 20, 2021
- Date of Publication: Aug 18, 2021

Change to New Product Series : NANOCOM-BT-A11 , NANOCOM-BTW2-A11

- Purpose of Change:

Some main components of NANOCOM-BT-A10 & NANOCOM-BTW2-A10 were EOL and AAEON cannot find the pin to pin substitutions. As result, AAEON decides to do a PCB re-spin, NANOCOM-BT-A11 & NANOCOM-BTW2-A11, to ensure product lifecycle.

- Change list :

1. Optimize eMMC signal quality.
2. Optimize HSIO Signal Quality.
3. Change to New eMMC , onboard DDR3L & LDO due to component EOL.
   eMMC no support 8GB due to phase out, AAEON suggest to use New eMMC 16GB for substitution.

	Item No.	Description
Current	14401008A1	(TF)SSD.SMD.IC.eMMC SSD .BGA.100.8GB.Greenliant.GLS85VM1008A-M-I-LFWE
	14401016A1	(TF)SSD.SMD.IC eMMC SSD .BGA.100p.16GB.Greenliant.GLS85VM1016A-M-I-LFWE
New	1469X00007	(TF)EMMC.SMD.Rev.4.4.16GB.BGA.100P.Greenliant.GLS85VM1016B-M-I-LFWE-ND212

	Item No.	Description
Current	1468014680	(TF)IC.DDR3L-SDRAM.256Mx16(bit).800MHz.1.35V.FBGA 96P.SMD.PROMOS .V73CBG04168RAJJ11I
New	1461X00002	(TF)DDR3L.SMD.0.512GB.1866Hz.1.35V.TFBGA.96P.X16.DDR3L.(256Mb x 16). NANYA.NT5CC256M16ER-EKI

	Item No.	Description
Current	1430091100	(TF)IC.LDO.1A.SOT89-5.SMD.YOBON.YT9110HGF-ADJ
New	143X000108	(TF)IC.LDO.SMD.SOT-89-5.5P.RICOH.RP132H001B-T1-FE

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4. Remove EEPROM for BOM Optimized.

	Item No.	Description
Current	146324C020	(TF)EEPROM.SMD.2Kbits.SOP.8P.FMD.FT24C02A-5SR-T

- Est. Available to accept order : Q4, 2021

■ Benefit :	■ Impact :
Extend Product Life Cycle HSIO signal quality enhancement BOM Optimized	Function no change

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Detail of Affected Products

Pre-Change		Post-Change	
NANOOCOM-BT-A10 Series NANOCOM-BTW2-A10 Series		NANOCOM-BT-A11 Series NANOCOM-BTW2-A11 Series	
Issue Date	2021/8/18	Issue by	Trista Huang

Please note that this Product Change Notice also applies to all NANOCOM-BT-A10 & NANOCOM-BTW2-A10 Product Series, including all Standard P/N, R-P/N and C-P/N.

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