

Product Change Notice

QD4-099 Rev.A0

Products Affected:

AAEON PICO-BT01-A11 Product Family.

Including all standard Part Numbers, R Part Numbers, and C Part Numbers.

Date Effective: Nov, 15th, 2021

Date of Publication: Nov. 15th, 2021

- PICO-BT01-A11 Last time buy deadline: June 30th, 2022
- PICO-BT01-A12 available to accept order: Oct 17th, 2021

Changes to Product:

- Purpose of Change: Component Suppliers announce product end of life notices.
- Description of Change: PICO-BT01-A12 MB implements new IC replacements to substitute the phase out parts on PICO-BT01-A11 MB

Component Substitution

Original PN	New PN
143ALC8920 Audio Codec.LQFP.48P.REALTEK.ALC892-CG	Co layout design : 143ALC8920 - Primary (Audio Codec.LQFP.48P.REALTEK.ALC892-CG) 14F0000010 - Secondary (IC Audio Codec. LQFP.48P.REALTEK.ALC897-VA2-CG)
1430097420 (IC.High-Side Power Switch. w/Flag.2A.SOT23-5.RICHTER.RT9742CGJ5)	143PS20010 (IC.Power-Distribution Switches.w/Flag.2A.SOT23-5p.SMD.TI.TPS2001DDBVR)
1440002130 (IC.RS232 Driver/Receiver.15KV ESD.SSOP 28P.TI.TRS213IDBR)	14S4021301 (IC.Interface Transceiver.RS232 Driver ESD 15KV.SSOP.28P.AD.ADM213EARSZ) 1440812130 (IC.Interface Transceiver.RS232 Driver/Receiver.15KV ESD.SSOP.28P.Fintek.F81213)
1430087620 (IC.10A.Synchronous Step down.QFN16.3X4mm.SMD.MPS.MP8762GLE-Z)	1430082880 (IC.Synchronous Step Down.Converter.8A. QFN3x3-20P.SMD.Silergy.SY8288ARAC)
1490034600 (IC.Display Port to LVDS Converter.QFN 56 Pin.NXP.PTN3460IBS/F2MP)	14S9346001 (IC.Display Port to LVDS.Converter.QFN 56 Pin.SMD.NXP.PTN3460BS/F6)

Original PN	New PN
1654920309 (Display Port.20P.90D.FEMALE. FOXCONN.3VD51203-D7JJ-7H)	16545X0012 (Display Port.20P.90D.FEMALE. Astron.6990020-029-H)
1315720010 (PWR.PMPAK3X3 DUAL N- MOSFET.Vgs1/2=(+/-)20V.Id1=6A.SMD.FAIRCHILD. FDMC7200S.Id2=8.5A.Vds1/2=30V)	1315642DT0 (DUAL N- MOSFET.Vds1/2=30V.Vgs1/2=(+/-)20V.Id1=9.7A. Id2=11A.Rds=15.5/12mohm.PDFN3X3S.SMD. NIKO-SEM.PE642DT)

Impacted models:

☐ Benefits ☒ Impacts:

Pre-Change		Post-Change	
PICO-BT01-A11-0002		PICO-BT01-A12-0002	
PICO-BT01-A11-0003		PICO-BT01-A12-0003	
PICO-BT01-A11-0004		PICO-BT01-A12-0004	
PICO-BT01-A11-0005		PICO-BT01-A12-0005	
PICO-BT01W2-A11-0003		PICO-BT01W2-A12-0003	
PICO-BT01W2-A11-0004		PICO-BT01W2-A12-0004	
Issue Date	Nov 15 th , 2021	Issue by	Ariel Long

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