Product Change Notification

PCN-Number / Rev / Date	44695 / 1 / 23.06.2021
Category / change type	ACEL active components / MATER Material / MINOR
Summary	Expansion board EB07: Replacement of discontinued NAND-Flash MT29F8G08 (discontinued) by previously used type S34ML08G
Motivation, trigger	ESX-3X with EB07: Replacement of NAND-Flash due to discontinuation
Details of change	Micron recently discontinued the NAND-Flash MT29F8G08 that was used since 2017 on expansion board EB07 within ESX-3XL / ESX-3XM controllers. As a replacement, the EB07 will in future use Cypress NAND-Flash S34ML08G with same density, main differences are: * lower/better mount time ~2.5sec (vs. Micron ~3.5sec) * ECC with 1bit (vs. Micron 4bit), handled by EB07 firmware * different page size, handled by EB07 firmware Note: Before 2017, the Cypress NAND-Flash S34ML08G was already used within EB07, but in 2017 due to availability (allocation) a change to Micron MT29F8G08 was necessary, cf. STW PCN 21786 dated July 19, 2017.
Risk assessment	No risk for existing applications anticipated, full compatibility expected. NAND-Flash replacement was already used in EB07 before 2017.
First product shipment	01.08.2021
Product marking	The digit of version information (revision) for the changed EB07 will be set to "E" on label (type plate, field 9), also accessible by SW using T_x_sys_logistic_data>>acn_ArticleVersion
Company	STW TECHNIC, LP

If you need further assistance, you may also contact your local sales representative or our sales department.
STW shall not be held liable if this notification is not correctly distributed within your organization.

Affected Product	STW part number	Customer part number
Controller ESX-3XL	54201	n.a.
Controller ESX-3XL	54793	n.a.
Controller ESX-3XL	55658	n.a.
Controller ESX-3XL	55998	n.a.
Controller ESX-3XL	56073	n.a.
Controller ESX-3XL	57099	n.a.
Controller ESX-3XL	58762	n.a.
Controller ESX-3XL	59173	n.a.
Controller ESX-3XL	59282	n.a.
Electronic Controller ESX-3XL	60730	n.a.
Controller ESX-3XM	61045	n.a.
Controller ESX-3XM	61874	n.a.
Controller ESX-3XM	62172	n.a.

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Affected Product	STW part number	Customer part number
Controller ESX-3XM	62231	n.a.
Controller ESX-3XM	62244	n.a.
Controller ESX-3XL	62415	n.a.
Controller ESX-3XL	62457	n.a.
Controller ESX-3XL	62601	n.a.
Controller ESX-3XL	62826	n.a.
Controller ESX-3XL	62905	n.a.
Controller ESX-3XM	62909	n.a.
Controller ESX-3XL	63533	n.a.
Controller ESX-3XL	63534	n.a.
Controller ESX-3XM	64185	n.a.
Controller ESX-3XM	64571	n.a.
Controller ESX-3XM	65745	n.a.
Controller ESX-3XM	67130	n.a.
Controller ESX-3XM	67219	n.a.
Controller ESX-3XL	67847	n.a.
Controller ESX-3XM	68165	n.a.
Controller ESX-3XL	68489	n.a.
Controller ESX-3XM	69919	n.a.
Controller ESX-3XM	70221	n.a.
Controller ESX-3XM	70373	n.a.
Controller ESX-3XL	70636	n.a.
Controller ESX-3XL	70894	n.a.
Controller ESX-3XL	72110	n.a.
Controller ESX-3XL	72377	n.a.
Controller ESX-3XM	72509	n.a.
Controller ESX-3XL	72914	n.a.
Controller ESX-3XL	73326	n.a.
Controller ESX-3XL	75043	n.a.
Controller ESX-3XL	75122	n.a.
Controller ESX-3XL	77103	n.a.
Controller ESX-3XM	78229	n.a.
Controller ESX-3XL	79726	n.a.
Steuerung ESX-3XL	81597	n.a.

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Affected Product	STW part number	Customer part number
Controller ESX-3XL	81793	n.a.
Controller ESX-3XL	82105	n.a.
Controller ESX-3XL	82106	n.a.
Controller ESX-3XM	82705	n.a.
Controller ESX-3XM	83031	n.a.
Controller ESX-3XM	83038	n.a.
Controller ESX-3XL	83042	n.a.
Controller ESX-3XM	83373	n.a.
Controller ESX-3XL	83417	n.a.
Controller ESX-3XL	83420	n.a.
Electronic Controller ESX-3XL	86897	n.a.
EB-Slot A: EB04, 35770 (12x DOut 2,5A)	87223	n.a.
Controller ESX-3XL	89121	n.a.
Controller ESX-3XL	90258	n.a.
Controller ESX-3XM	92412	n.a.
Controller ESX-3XM	93549	n.a.
Controller ESX-3XM	94317	n.a.
Controller ESX-3XL	94607	n.a.
Controller ESX-3XL	53406	100461201
Controller ESX-3XL	55285	100479826
Controller ESX-3XL	54493	54493
Controller ESX-3XM	57633	57633
Controller ESX-3XM	79255	713587

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