
Product Change Notification

ISSUE DATE	October-2019
NOTIFICATION	1910-1
TITLE	Replaced NAND For End OF Life
EFFECTIVE DATE	From 2 nd Q-2020 *
CONTACT	support@engicam.com

* *Estimation based on the current forecast*

Part Numbers Affected	Part Name	Qty	Part Description	New Ordering Code
0025800011010	i.Core MX6S	1	Module Sodimm i.CoreMX6 Solo, 256MB DDR3, 512MB NAND, Industrial	0026810011120
0025700011010	i.Core MX6S	58		0026710011120
0025800011030	i.Core MX6S-NT	1	Module Sodimm i.CoreMX6 Solo, 256MB DDR3, 512MB NAND, Industrial, no resistive touch controller mounted	0026800011120
0025700011030	i.Core MX6S-NT	58		0026700011120
0025800011020	i.Core MX6S-NTC	1	Module Sodimm i.CoreMX6 Solo, 256MB DDR3, 512MB NAND, Ext Temp, no resistive touch controller mounted	0026800011E120
0025700011020	i.Core MX6S-NTC	58		0026700011E120
0025800011050	i.Core MX6DL-1G-NTC	1	Module Sodimm i.CoreMX6 DualLite, 1GB RAM, 512MB NAND, Ext Temp, no resistive touch controller mounted	0026800012E140
0025700011050	i.Core MX6DL-1G-NTC	58		0026700012E140
0025800011070	i.Core MX6DL-NT	1	Module Sodimm i.CoreMX6 DualLite, 512MB DDR3, 512MB NAND, Industrial, no resistive touch controller mounted	0026800012I130
0025700011070	i.Core MX6DL-NT	58		0026700012I130
0025800011060	i.Core MX6DL-NT	1	Module Sodimm i.CoreMX6 DualLite, 512MB DDR3, 512MB NAND, Ext Temp, no resistive touch controller mounted	0026800012E130
0025700011060	i.Core MX6DL-NT	58		0026700012E130
0025800011040	i.Core MX6D	1	Module Sodimm i.CoreMX6 Dual, 512MB DDR3, 512MB NAND, Industrial	Please ask to support@engicam.com for new codes
0025700011040	i.Core MX6D	58		Please ask to support@engicam.com for new codes
0025800011680	i.Core MX6D-NT	1	Module Sodimm i.CoreMX6 Dual, 512MB DDR3, 512MB NAND, Industrial, no resistive touch controller mounted	0026800013I130
0025700011680	i.Core MX6D-NT	58		0026700013I130
0025800011080	i.Core MX6Q	1	Module Sodimm i.CoreMX6 Quad, 1GB DDR3, 512MB NAND, Industrial	Please ask to support@engicam.com for new codes
0025700011080	i.Core MX6Q	58		Please ask to support@engicam.com for new codes
0025800011690	i.Core MX6Q-NT	1	Module Sodimm i.CoreMX6 Quad, 1GB DDR3, 512MB NAND, Industrial, no resistive touch controller mounted	0026800014I140
0025700011690	i.Core MX6Q-NT	58		0026700014I140
Part Numbers Affected	Part Name	Qty	Part Description	New Ordering Code
00268000821130	MicroGEA MX6ULL 512MB LCD	1	uGEA i.MX6ULL, 512MB DDR3, 512MB NAND, Single Ethernet, Industrial	0026800082I13A
00267000821130		58		0026700082I13A
00268000821120	MicroGEA MX6ULL 256MB LCD	1	uGEA i.MX6ULL, 256MB DDR3, 512MB NAND, Single Ethernet, Industrial	0026800082I12A
00267000821120		58		0026700082I12A
00267000821140	MicroGEA MX6ULL 1GB LCD	58	uGEA i.MX6ULL, 1GB DDR3, 512MB NAND, Single Ethernet, Industrial	0026700082I14A
Part Numbers Affected	Part Name	Qty	Part Description	New Ordering Code
0025800010760	i.CoreM6SX NT	1	Module Sodimm i.CoreM6SX, 256MB DDR3, 512MB NAND, Industrial	002683009XI12A
0025700010760		58		002673009XI12A
002682009XI120	i.CoreM6SX NT	1	Module Sodimm i.CoreM6SX, 256MB DDR3, 512MB NAND, No resistive Touch, Industrial	002682009XI12A
002672009XI120		58		002672009XI12A
Part Numbers Affected	Part Name	Qty	Part Description	New Ordering Code
00268000521130	Is.IoT MX6UL		Is.IoT MX6UL, 512MB DDR3, 512MB NAND, Industrial	Please ask to support@engicam.com for new codes
Part Numbers Affected	Part Name	Qty	Part Description	New Ordering Code
002680015DI120	MicroGEA STM32MP15	1	uGEA STM32MP15, 256MB DDR3, 512MB NAND, MIPI-DSI, Industrial	002680015DI12A
002670015DI120		58		002670015DI12A
002680015DI130	MicroGEA STM32MP15	1	uGEA STM32MP15, 512MB DDR3, 512MB NAND, RGB and MIPI-DSI LCD, Industrial	002680015DI13A
002670015DI130		58		002670015DI13A

Part Numbers Affected	Part Name	Qty	Part Description	New Ordering Code
002680016DI130	i.Core STM32MP1	1	EDIMM 2.0 STM32MP1, 512MB DDR3, 512MB NAND, MIPI-DSI, Industrial	002670016DI13A
002670016DI130	i.Core STM32MP1	58		002670016DI13A
002681016DI130	i.Core STM32MP1	1	EDIMM 2.0 STM32MP1, 512MB DDR3, 512MB NAND, LVDS, Industrial	002681016DI13A
002671016DI130	i.Core STM32MP1	58		002671016DI13A

Notification		
Pin Out compatibility	Revision Change	
Design Change	Sw compatibility	Other <input type="checkbox"/>

Notification Description
Due to the obsolescence of current NAND MT29F4G08ABAEAH4-IT , a new code MT29F4G08ABAFAH4-IT will be used for the i.CoreMX6 series

HW/SW Changes requirements
<p>Hardware change: None</p> <p>Software change: No software patches for Uboot and/or Kernel are needed if the Engicam releases are used.</p> <p>IMPORTANT NOTE: The new NAND flash has a different geometry, if a non standard access or no geometry-detect is used, please take care of the following differences:</p> <p>OLD NAND MT29F4G08ABAEAH4-IT: Page size: 4320 bytes (4096 + 224 bytes) Block size: 64 pages Number of planes: 2 planes Device size: 4Gb</p> <p>NEW NAND MT29F4G08ABAFAH4-IT: Page size: 4352 bytes (4096 + 256 bytes) Block size: 64 pages Number of planes: 1 Device size: 4Gb</p> <p>Samples available for testing</p> <p>Please contact support@engicam.com for further details or info</p>