



SiliconMotion

EOL Update

8/3/2021



PCIe BGA / Modules

EOL Part	Description	Replacement Part	Description
SM689GXx AES	PCIe, BICS3 3D TLC NAND	SM681GXx AFS	PCIe, BICS4 3D TLC NAND, DRAM-less
SM689GEx AES	PCIe, BICS3 3D TLC NAND	SM681GEx AFS	PCIe, BICS4 3D TLC NAND, DRAM-less
SM681GXx AES	PCIe, BICS3 3D TLC NAND, DRAM-less	SM681GXx AFS	PCIe, BICS4 3D TLC NAND, DRAM-less
SM681GEx AES	PCIe, BICS3 3D TLC NAND, DRAM-less	SM681GEx AFS	PCIe, BICS4 3D TLC NAND, DRAM-less
MD689G***AEx	PCIe, BICS3 3D TLC NAND, M.2 2242	MD681G***AFx	PCIe, BICS4 3D TLC NAND, DRAM-less, M.2 2242
ME689G***AEx	PCIe, BICS3 3D TLC NAND, M.2 2280	ME681G***AFx	PCIe, BICS4 3D TLC NAND, DRAM-less, M.2 2280
MD681G***Aex	PCIe, BICS3 3D TLC NAND, DRAM-less, M.2 2242	MD681G***AFx	PCIe, BICS4 3D TLC NAND, DRAM-less, M.2 2242
ME681G***AEx	PCIe, BICS3 3D TLC NAND, DRAM-less, M.2 2280	ME681G***AFx	PCIe, BICS4 3D TLC NAND, DRAM-less, M.2 2280

SATA BGA SSD

EOL Part	Description	Replacement Part	Description
SM619GXx DES	SATA, BICS3 3D TLC NAND	SM619GXx DFS	SATA, BICS4 3D TLC NAND
SM619GEx DES	SATA, BICS3 3D TLC NAND	SM619GEx DFS	SATA, BICS4 3D TLC NAND
SM619GXx CDZ	SATA, MLC NAND	SM619GXx DFS	SATA, BICS4 3D TLC NAND
SM619GEx CDZ	SATA, MLC NAND	SM619GEx DFS	SATA, BICS4 3D TLC NAND
SM659GXx CDZ	SATA, MLC NAND, SLC Mode	SM619GXx DFS	SATA, BICS4 3D TLC NAND
SM659GEx CDZ	SATA, MLC NAND, SLC Mode	SM619GEx DFS	SATA, BICS4 3D TLC NAND
SM611GXx CDZ	SATA, MLC NAND	SM619GXx DFS	SATA, BICS4 3D TLC NAND
SM611GEx CDZ	SATA, MLC NAND	SM619GEx DFS	SATA, BICS4 3D TLC NAND
SM651GXx CDZ	SATA, MLC NAND, SLC Mode	SM619GXx DFS	SATA, BICS4 3D TLC NAND
SM651GEx CDZ	SATA, MLC NAND, SLC Mode	SM619GEx DFS	SATA, BICS4 3D TLC NAND

SATA / PATA BGA SSD

EOL Part	Description	Replacement Part	Description
SM611GXx BD	SATA, MLC NAND (24nm)	SM619GXx DFS	SATA, BICS4 3D TLC NAND
SM611GEx BD	SATA, MLC NAND (24nm)	SM619GEx DFS	SATA, BICS4 3D TLC NAND
SM651GXx BD	SATA, MLC NAND (24nm), SLC Mode	SM619GXx DFS	SATA, BICS4 3D TLC NAND
SM651GEx BD	SATA, MLC NAND (24nm), SLC Mode	SM619GEx DFS	SATA, BICS4 3D TLC NAND
SM601GXx BD	PATA, MLC NAND (24nm)	N/A	N/A
SM601GEx BD	PATA, MLC NAND (24nm)	N/A	N/A
SM641GXx BD	PATA, MLC NAND (24nm), SLC Mode	N/A	N/A
SM641GEx BD	PATA, MLC NAND (24nm), SLC Mode	N/A	N/A
MP601G***BDx	PATA, MLC NAND (24nm)	N/A	N/A
P641G***BDx	PATA, MLC NAND (24nm)	N/A	N/A

SATA Modules

EOL Part	Description	Replacement Part	Description
MA619G***DEx	2.5" SATA, BICS3 3D TLC NAND	MA619G**LDFx	2.5" SATA, BICS4 3D TLC NAND
MB619G***DEx	MO297 SATA, BICS3 3D TLC NAND	MB619G**LDFx	MO297 SATA, BICS4 3D TLC NAND
MC619G***Dex	MO300A SATA, BICS3 3D TLC NAND	MC619G**LDFx	MO300A SATA, BICS4 3D TLC NAND
MD619G***Dex	M.2 2242 SATA, BICS3 3D TLC NAND	MD619G**LDFx	M.2 2242 SATA, BICS4 3D TLC NAND
ME619G***DEx	M.2 2280 SATA, BICS3 3D TLC NAND	ME619G**LDFx	M.2 2280 SATA, BICS4 3D TLC NAND
MA619G***CDx	2.5" SATA, MLC NAND	MA619G**LDFx	2.5" SATA, BICS4 3D TLC NAND
MB619G***CDx	MO297 SATA, MLC NAND	MB619G**LDFx	MO297 SATA, BICS4 3D TLC NAND
MC619G***CDx	MO300A SATA, MLC NAND	MC619G**LDFx	MO300A SATA, BICS4 3D TLC NAND
MD619G***CDx	M.2 2242 SATA, MLC NAND	MD619G**LDFx	M.2 2242 SATA, BICS4 3D TLC NAND
ME619G***CDx	M.2 2280 SATA, MLC NAND	ME619G**LDFx	M.2 2280 SATA, BICS4 3D TLC NAND
MB611G***BDx	MO297 SATA, MLC NAND	MB619G**LDFx	MO297 SATA, BICS4 3D TLC NAND
MC611G***BDx	MO300A SATA, MLC NAND	MC619G**LDFx	MO300A SATA, BICS4 3D TLC NAND
MD611G***BDx	M.2 2242 SATA, MLC NAND	MD619G**LDFx	M.2 2242 SATA, BICS4 3D TLC NAND
MB651G***BDx	MO297 SATA, MLC NAND, SLC Mode	MB619G**LDFx	MO297 SATA, BICS4 3D TLC NAND
MC651G***BDx	MO300A SATA, MLC NAND, SLC Mode	MC619G**LDFx	MO300A SATA, BICS4 3D TLC NAND
MD651G***BDx	M.2 2242 SATA, MLC NAND, SLC Mode	MD619G**LDFx	M.2 2242 SATA, BICS4 3D TLC NAND

eMMC / UFS

EOL Part	Description	Replacement Part	Description
SM662GXx BDS	eMMC, BICS3 3D TLC NAND, C-Temp, 100 ball	SM662GXx BES	eMMC, BICS4 3D TLC NAND, C-Temp, 100 ball
SM662GEx BDS	eMMC, BICS3 3D TLC NAND, I-Temp, 100 ball	SM662GEx BES	eMMC, BICS4 3D TLC NAND, I-Temp, 100 ball
SM662GAx BDS	eMMC, BICS3 3D TLC NAND, Auto G3, 100 ball	SM662GAx BES	eMMC, BICS4 3D TLC NAND, Auto G3, 100 ball
SM662GBx BDS	eMMC, BICS3 3D TLC NAND, Auto G2, 100 ball	SM662GBx BES	eMMC, BICS4 3D TLC NAND, Auto G2, 100 ball
SM662PXx BDS	eMMC, BICS3 3D TLC NAND, C-Temp, 153 ball	SM662PXx BES	eMMC, BICS4 3D TLC NAND, C-Temp, 153 ball
SM662PEx BDS	eMMC, BICS3 3D TLC NAND, I-Temp, 153 ball	SM662PEx BES	eMMC, BICS4 3D TLC NAND, I-Temp, 153 ball
SM662PAx BDS	eMMC, BICS3 3D TLC NAND, Auto G3, 153 ball	SM662PAx BES	eMMC, BICS4 3D TLC NAND, Auto G3, 153 ball
SM662PBx BDS	eMMC, BICS3 3D TLC NAND, Auto G2, 153 ball	SM662PBx BES	eMMC, BICS4 3D TLC NAND, Auto G2, 153 ball
SM671Pxx ADS	UFS 2.1, BICS3 3D TLC NAND, C-Temp	Upcoming in Late Q3	
SM671PEx ADS	UFS 2.1, BICS3 3D TLC NAND, I-Temp	Upcoming in Late Q3	
SM671PAx ADS	UFS 2.1, BICS3 3D TLC NAND, Auto G3	Upcoming in Late Q3	
SM671PBx ADS	UFS 2.1, BICS3 3D TLC NAND, Auto G2	Upcoming in Late Q3	



Thank You !



Ray Gapasin
rgapasin@siliconmotion.com

EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
PCIe Family (DRAM-less + BICS3 3D TLC based SSD)			PCIe Family (DRAM-less + BICS4 3D TLC based SSD)
PCIe 5GB 3D FerriSSD, C-temp, SLC mode	SM681GXA AESS	N/A	
PCIe 10GB 3D FerriSSD, C-temp, SLC mode	SM681GXB AESS	SM681GXB AFSS	PCIe 10GB 3D FerriSSD, C-temp, SLC mode
PCIe 20GB 3D FerriSSD, C-temp, SLC mode	SM681GXC AESS	SM681GXC AFSS	PCIe 20GB 3D FerriSSD, C-temp, SLC mode
PCIe 40GB 3D FerriSSD, C-temp, SLC mode	SM681GXD AESS	SM681GXD AFSS	PCIe 40GB 3D FerriSSD, C-temp, SLC mode
PCIe 80GB 3D FerriSSD, C-temp, SLC mode	SM681GXE AESS	SM681GXE AFSS	PCIe 80GB 3D FerriSSD, C-temp, SLC mode
PCIe 16GB 3D FerriSSD, C-temp, TLC mode	SM681GXA AEST	N/A	
PCIe 32GB 3D FerriSSD, C-temp, TLC mode	SM681GXB AEST	SM681GXB AFST	PCIe 32GB 3D FerriSSD, C-temp, TLC mode
PCIe 64GB 3D FerriSSD, C-temp, TLC mode	SM681GXC AEST	SM681GXC AFST	PCIe 64GB 3D FerriSSD, C-temp, TLC mode
PCIe 128GB 3D FerriSSD, C-temp, TLC mode	SM681GXD AEST	SM681GXD AFST	PCIe 128GB 3D FerriSSD, C-temp, TLC mode
PCIe 256GB 3D FerriSSD, C-temp, TLC mode	SM681GXE AEST	SM681GXE AFST	PCIe 256GB 3D FerriSSD, C-temp, TLC mode
PCIe Family (DRAM-less + BICS3 3D TLC based SSD) M.2 (22x42mm)			PCIe Family (DRAM-less + BICS4 3D TLC based SSD) M.2 (22x42mm)
PCIe 5GB 3D FerriSSD, C-temp, SLC mode	MD681GXIAE3S	N/A	
PCIe 10GB 3D FerriSSD, C-temp, SLC mode	MD681GXIBAIE3S	MD681GXIBAF3S	PCIe 10GB 3D FerriSSD, C-temp, SLC mode
PCIe 20GB 3D FerriSSD, C-temp, SLC mode	MD681GXICIAE3S	MD681GXICIAF3S	PCIe 20GB 3D FerriSSD, C-temp, SLC mode
PCIe 40GB 3D FerriSSD, C-temp, SLC mode	MD681GXIDIAE3S	MD681GXIDIAF3S	PCIe 40GB 3D FerriSSD, C-temp, SLC mode
PCIe 80GB 3D FerriSSD, C-temp, SLC mode	MD681GXIEIAE3S	MD681GXIEIAF3S	PCIe 80GB 3D FerriSSD, C-temp, SLC mode
PCIe 16GB 3D FerriSSD, C-temp, TLC mode	MD681GXIAIE3T	N/A	
PCIe 32GB 3D FerriSSD, C-temp, TLC mode	MD681GXIBAIE3T	MD681GXIBAF3T	PCIe 32GB 3D FerriSSD, C-temp, TLC mode
PCIe 64GB 3D FerriSSD, C-temp, TLC mode	MD681GXICIAE3T	MD681GXICIAF3T	PCIe 64GB 3D FerriSSD, C-temp, TLC mode
PCIe 128GB 3D FerriSSD, C-temp, TLC mode	MD681GXIDIAE3T	MD681GXIDIAF3T	PCIe 128GB 3D FerriSSD, C-temp, TLC mode
PCIe 256GB 3D FerriSSD, C-temp, TLC mode	MD681GXIEIAE3T	MD681GXIEIAF3T	PCIe 256GB 3D FerriSSD, C-temp, TLC mode
PCIe Family (DRAM-less + BICS3 3D TLC based SSD) M.2 M.2 (22x80mm)			PCIe Family (DRAM-less + BICS4 3D TLC based SSD) M.2 (22x80mm)
PCIe 5GB 3D FerriSSD, C-temp, SLC mode	ME681GXIAE3S	N/A	
PCIe 10GB 3D FerriSSD, C-temp, SLC mode	ME681GXIBAIE3S	ME681GXIBAF3S	PCIe 10GB 3D FerriSSD, C-temp, SLC mode
PCIe 20GB 3D FerriSSD, C-temp, SLC mode	ME681GXICIAE3S	ME681GXICIAF3S	PCIe 20GB 3D FerriSSD, C-temp, SLC mode
PCIe 40GB 3D FerriSSD, C-temp, SLC mode	ME681GXIDIAE3S	ME681GXIDIAF3S	PCIe 40GB 3D FerriSSD, C-temp, SLC mode
PCIe 80GB 3D FerriSSD, C-temp, SLC mode	ME681GXIEIAE3S	ME681GXIEIAF3S	PCIe 80GB 3D FerriSSD, C-temp, SLC mode
PCIe 16GB 3D FerriSSD, C-temp, TLC mode	ME681GXIAIE3T	N/A	
PCIe 32GB 3D FerriSSD, C-temp, TLC mode	ME681GXIBAIE3T	ME681GXIBAF3T	PCIe 32GB 3D FerriSSD, C-temp, TLC mode
PCIe 64GB 3D FerriSSD, C-temp, TLC mode	ME681GXICIAE3T	ME681GXICIAF3T	PCIe 64GB 3D FerriSSD, C-temp, TLC mode
PCIe 128GB 3D FerriSSD, C-temp, TLC mode	ME681GXIDIAE3T	ME681GXIDIAF3T	PCIe 128GB 3D FerriSSD, C-temp, TLC mode
PCIe 256GB 3D FerriSSD, C-temp, TLC mode	ME681GXIEIAE3T	ME681GXIEIAF3T	PCIe 256GB 3D FerriSSD, C-temp, TLC mode
EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
PCIe Family (DRAM + BICS3 3D TLC based SSD)			PCIe Family (DRAM-less + BICS4 3D TLC based SSD)
PCIe 5GB 3D FerriSSD, C-temp, SLC mode	SM689GXA AESS	N/A	
PCIe 10GB 3D FerriSSD, C-temp, SLC mode	SM689GXB AESS	SM681GXB AFSS	PCIe 10GB 3D FerriSSD, C-temp, SLC mode
PCIe 20GB 3D FerriSSD, C-temp, SLC mode	SM689GXC AESS	SM681GXC AFSS	PCIe 20GB 3D FerriSSD, C-temp, SLC mode
PCIe 40GB 3D FerriSSD, C-temp, SLC mode	SM689GXD AESS	SM681GXD AFSS	PCIe 40GB 3D FerriSSD, C-temp, SLC mode
PCIe 80GB 3D FerriSSD, C-temp, SLC mode	SM689GXE AESS	SM681GXE AFSS	PCIe 80GB 3D FerriSSD, C-temp, SLC mode
PCIe 16GB 3D FerriSSD, C-temp, TLC mode	SM689GXA AEST	N/A	
PCIe 32GB 3D FerriSSD, C-temp, TLC mode	SM689GXB AEST	SM681GXB AFST	PCIe 32GB 3D FerriSSD, C-temp, TLC mode
PCIe 64GB 3D FerriSSD, C-temp, TLC mode	SM689GXC AEST	SM681GXC AFST	PCIe 64GB 3D FerriSSD, C-temp, TLC mode
PCIe 128GB 3D FerriSSD, C-temp, TLC mode	SM689GXD AEST	SM681GXD AFST	PCIe 128GB 3D FerriSSD, C-temp, TLC mode
PCIe 256GB 3D FerriSSD, C-temp, TLC mode	SM689GXE AEST	SM681GXE AFST	PCIe 256GB 3D FerriSSD, C-temp, TLC mode
PCIe Family (DRAM + BICS3 3D TLC based SSD) MODULE M.2 (22x42mm)			PCIe Family (DRAM-less + BICS4 3D TLC based SSD) M.2 (22x42mm)
PCIe 5GB 3D FerriSSD, C-temp, SLC mode	MD689GXIAE3S	N/A	
PCIe 10GB 3D FerriSSD, C-temp, SLC mode	MD689HXIBAIE3S	MD681GXIBAF3S	PCIe 10GB 3D FerriSSD, C-temp, SLC mode
PCIe 20GB 3D FerriSSD, C-temp, SLC mode	MD689GXICIAE3S	MD681GXICIAF3S	PCIe 20GB 3D FerriSSD, C-temp, SLC mode

PCIe 4GB 3D FerriSSD, C-temp, SLC mode	MD689GXIAE3S	MD681GXIAF3S	PCIe 4GB 3D FerriSSD, C-temp, SLC mode
PCIe 8GB 3D FerriSSD, C-temp, SLC mode	MD689GXEIAE3S	MD681GXEIAF3S	PCIe 8GB 3D FerriSSD, C-temp, SLC mode
PCIe 16GB 3D FerriSSD, C-temp, TLC mode	MD689GXIAE3T	N/A	
PCIe 32GB 3D FerriSSD, C-temp, TLC mode	MD689HXBIAE3T	MD681GXIAF3T	PCIe 32GB 3D FerriSSD, C-temp, TLC mode
PCIe 64GB 3D FerriSSD, C-temp, TLC mode	MD689GXCIAE3T	MD681GXCIAF3T	PCIe 64GB 3D FerriSSD, C-temp, TLC mode
PCIe 128GB 3D FerriSSD, C-temp, TLC mode	MD689GXIAE3T	MD681GXIAF3T	PCIe 128GB 3D FerriSSD, C-temp, TLC mode
PCIe 256GB 3D FerriSSD, C-temp, TLC mode	MD689GXEIAE3T	MD681GXEIAF3T	PCIe 256GB 3D FerriSSD, C-temp, TLC mode
PCIe Family (DRAM + BICS3 3D TLC based SSD) MODULE M.2 (22x80mm)		PCIe Family (DRAM-less + BICS4 3D TLC based SSD) M.2 M.2 (22x80mm)	
PCIe 5GB 3D FerriSSD, C-temp, SLC mode	ME689GXIAE3S	N/A	
PCIe 10GB 3D FerriSSD, C-temp, SLC mode	ME689HXBIAE3S	ME681GXIAF3S	PCIe 10GB 3D FerriSSD, C-temp, SLC mode
PCIe 20GB 3D FerriSSD, C-temp, SLC mode	ME689GXIAE3S	ME681GXCIAF3S	PCIe 20GB 3D FerriSSD, C-temp, SLC mode
PCIe 40GB 3D FerriSSD, C-temp, SLC mode	ME689GXIAE3S	ME681GXIAF3S	PCIe 40GB 3D FerriSSD, C-temp, SLC mode
PCIe 80GB 3D FerriSSD, C-temp, SLC mode	ME689GXEIAE3S	ME681GXEIAF3S	PCIe 80GB 3D FerriSSD, C-temp, SLC mode
PCIe 16GB 3D FerriSSD, C-temp, TLC mode	ME689GXIAE3T	N/A	
PCIe 32GB 3D FerriSSD, C-temp, TLC mode	ME689HXBIAE3T	ME681GXIAF3T	PCIe 32GB 3D FerriSSD, C-temp, TLC mode
PCIe 64GB 3D FerriSSD, C-temp, TLC mode	ME689GXCIAE3T	ME681GXCIAF3T	PCIe 64GB 3D FerriSSD, C-temp, TLC mode
PCIe 128GB 3D FerriSSD, C-temp, TLC mode	ME689GXIAE3T	ME681GXIAF3T	PCIe 128GB 3D FerriSSD, C-temp, TLC mode
PCIe 256GB 3D FerriSSD, C-temp, TLC mode	ME689GXEIAE3T	ME681GXEIAF3T	PCIe 256GB 3D FerriSSD, C-temp, TLC mode
EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
SATA Family (DRAM + BICS3 3D TLC based SSD)		SATA Family (DRAM + BICS4 3D TLC based SSD)	
SATA 5GB 3D FerriSSD, C-temp, SLC mode	SM619GXA DESS	N/A	
SATA 10GB 3D FerriSSD, C-temp, SLC mode	SM619GXB DESS	SM619GXB DFSS	SATA 10GB 3D FerriSSD, C-temp, SLC mode
SATA 20GB 3D FerriSSD, C-temp, SLC mode	SM619GXC DESS	SM619GXC DFSS	SATA 20GB 3D FerriSSD, C-temp, SLC mode
SATA 40GB 3D FerriSSD, C-temp, SLC mode	SM619GXD DESS	SM619GXD DFSS	SATA 40GB 3D FerriSSD, C-temp, SLC mode
SATA 80GB 3D FerriSSD, C-temp, SLC mode	SM619GXE DESS	SM619GXE DFSS	SATA 80GB 3D FerriSSD, C-temp, SLC mode
SATA 16GB 3D FerriSSD, C-temp, TLC mode	SM619GXA DEST	N/A	
SATA 32GB 3D FerriSSD, C-temp, TLC mode	SM619GXB DEST	SM619GXB DFST	SATA 32GB 3D FerriSSD, C-temp, TLC mode
SATA 64GB 3D FerriSSD, C-temp, TLC mode	SM619GXC DEST	SM619GXC DFST	SATA 64GB 3D FerriSSD, C-temp, TLC mode
SATA 128GB 3D FerriSSD, C-temp, TLC mode	SM619GXD DEST	SM619GXD DFST	SATA 128GB 3D FerriSSD, C-temp, TLC mode
SATA 256GB 3D FerriSSD, C-temp, TLC mode	SM619GXE DEST	SM619GXE DFST	SATA 256GB 3D FerriSSD, C-temp, TLC mode
SATA Family (DRAM + BICS3 3D TLC based SSD, I-temp)		SATA Family (DRAM + BICS4 3D TLC based SSD, I-temp)	
SATA 5GB 3D FerriSSD, i-temp, SLC mode	SM619GEA DESS	N/A	
SATA 10GB 3D FerriSSD, i-temp, SLC mode	SM619GEB DESS	SM619GEB DFSS	SATA 10GB 3D FerriSSD, i-temp, SLC mode
SATA 20GB 3D FerriSSD, i-temp, SLC mode	SM619GEC DESS	SM619GEC DFSS	SATA 20GB 3D FerriSSD, i-temp, SLC mode
SATA 40GB 3D FerriSSD, i-temp, SLC mode	SM619GED DESS	SM619GED DFSS	SATA 40GB 3D FerriSSD, i-temp, SLC mode
SATA 80GB 3D FerriSSD, i-temp, SLC mode	SM619GEE DESS	SM619GEE DFSS	SATA 80GB 3D FerriSSD, i-temp, SLC mode
SATA 16GB 3D FerriSSD, i-temp, TLC mode	SM619GEA DEST	N/A	
SATA 32GB 3D FerriSSD, i-temp, TLC mode	SM619GEB DEST	SM619GEB DFST	SATA 32GB 3D FerriSSD, i-temp, TLC mode
SATA 64GB 3D FerriSSD, i-temp, TLC mode	SM619GEC DEST	SM619GEC DFST	SATA 64GB 3D FerriSSD, i-temp, TLC mode
SATA 128GB 3D FerriSSD, i-temp, TLC mode	SM619GED DEST	SM619GED DFST	SATA 128GB 3D FerriSSD, i-temp, TLC mode
SATA 256GB 3D FerriSSD, i-temp, TLC mode	SM619GEE DEST	SM619GEE DFST	SATA 256GB 3D FerriSSD, i-temp, TLC mode
SATA Family (DRAM + BICS3 3D TLC based SSD) MODULE MO297		SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE MO297	
SATA 5GB 3D FerriSSD, C-temp, SLC mode	MB619GXIADE3S	N/A	
SATA 10GB 3D FerriSSD, C-temp, SLC mode	MB619GXBIDE3S	MB619GXBIDF3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
SATA 20GB 3D FerriSSD, C-temp, SLC mode	MB619GXCIDE3S	MB619GXCIDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
SATA 40GB 3D FerriSSD, C-temp , SLC mode	MB619GXDIIDE3S	MB619GXIDF3S	SATA 40GB 3D FerriSSD, C-temp , SLC mode
SATA 80GB 3D FerriSSD, C-temp , SLC mode	MB619GXEIDE3S	MB619GXEIDF3S	SATA 80GB 3D FerriSSD, C-temp , SLC mode
SATA 16GB 3D FerriSSD, C-temp , TLC mode	MB619GXIADE3T	N/A	
SATA 32GB 3D FerriSSD, C-temp , TLC mode	MB619GXBIDE3T	MB619GXBIDF3T	SATA 32GB 3D FerriSSD, C-temp , TLC mode
SATA 64GB 3D FerriSSD, C-temp , TLC mode	MB619GXCIDE3T	MB619GXCIDF3T	SATA 64GB 3D FerriSSD, C-temp , TLC mode

SATA 128GB 3D FerriSSD, C-temp , TLC mode SATA 256GB 3D FerriSSD, C-temp , TLC mode	MB619GXIDE3T MB619GXEIDE3T	MB619GXIDF3T MB619GXEIDF3T	SATA 128GB 3D FerriSSD, C-temp , TLC mode SATA 256GB 3D FerriSSD, C-temp , TLC mode
SATA Family (DRAM + BICS3 3D TLC based SSD) MODULE MO300A		SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE MO300A	
SATA 5GB 3D FerriSSD, C-temp, SLC mode SATA 10GB 3D FerriSSD, C-temp, SLC mode SATA 20GB 3D FerriSSD, C-temp, SLC mode SATA 40GB 3D FerriSSD, C-temp, SLC mode SATA 80GB 3D FerriSSD, C-temp, SLC mode SATA 16GB 3D FerriSSD, C-temp, TLC mode SATA 32GB 3D FerriSSD, C-temp, TLC mode SATA 64GB 3D FerriSSD, C-temp, TLC mode SATA 128GB 3D FerriSSD, C-temp, TLC mode SATA 256GB 3D FerriSSD, C-temp, TLC mode	MC619GXAIDE3S MC619GXBIDE3S MC619GXCIDE3S MC619GXDIDE3S MC619GXEIDE3S MC619GXAIDE3T MC619GXBIDE3T MC619GXCIDE3T MC619GXDIDE3T MC619GXEIDE3T	N/A MC619GXBIDF3S MC619GXCIDF3S MC619GXDIDF3S MC619GXEIDF3S N/A MC619GXBIDF3T MC619GXCIDF3T MC619GXDIDF3T MC619GXEIDF3T	SATA 10GB 3D FerriSSD, C-temp, SLC mode SATA 20GB 3D FerriSSD, C-temp, SLC mode SATA 40GB 3D FerriSSD, C-temp, SLC mode SATA 80GB 3D FerriSSD, C-temp, SLC mode SATA 32GB 3D FerriSSD, C-temp, TLC mode SATA 64GB 3D FerriSSD, C-temp, TLC mode SATA 128GB 3D FerriSSD, C-temp, TLC mode SATA 256GB 3D FerriSSD, C-temp, TLC mode
SATA Family (DRAM + BICS3 3D TLC based SSD) MODULE M.2 (22x42mm)		SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE M.2 (22x42mm)	
SATA 5GB 3D FerriSSD, C-temp, SLC mode SATA 10GB 3D FerriSSD, C-temp, SLC mode SATA 20GB 3D FerriSSD, C-temp, SLC mode SATA 40GB 3D FerriSSD, C-temp, SLC mode SATA 80GB 3D FerriSSD, C-temp, SLC mode SATA 16GB 3D FerriSSD, C-temp, TLC mode SATA 32GB 3D FerriSSD, C-temp, TLC mode SATA 64GB 3D FerriSSD, C-temp, TLC mode SATA 128GB 3D FerriSSD, C-temp, TLC mode SATA 256GB 3D FerriSSD, C-temp, TLC mode	MD619GXAIDE3S MD619GXBIDE3S MD619GXCIDE3S MD619GXDIDE3S MD619GXEIDE3S MD619GXAIDE3T MD619GXBIDE3T MD619GXCIDE3T MD619GXDIDE3T MD619GXEIDE3T	N/A MD619GXBIDF3S MD619GXCIDF3S MD619GXDIDF3S MD619GXEIDF3S N/A MD619GXBIDF3T MD619GXCIDF3T MD619GXDIDF3T MD619GXEIDF3T	SATA 10GB 3D FerriSSD, C-temp, SLC mode SATA 20GB 3D FerriSSD, C-temp, SLC mode SATA 40GB 3D FerriSSD, C-temp, SLC mode SATA 80GB 3D FerriSSD, C-temp, SLC mode SATA 32GB 3D FerriSSD, C-temp, TLC mode SATA 64GB 3D FerriSSD, C-temp, TLC mode SATA 128GB 3D FerriSSD, C-temp, TLC mode SATA 256GB 3D FerriSSD, C-temp, TLC mode
SATA Family (DRAM + BICS3 3D TLC based SSD) MODULE M.2 (22x80mm)		SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE M.2 (22x80mm)	
SATA 5GB 3D FerriSSD, C-temp, SLC mode SATA 10GB 3D FerriSSD, C-temp, SLC mode SATA 20GB 3D FerriSSD, C-temp, SLC mode SATA 40GB 3D FerriSSD, C-temp, SLC mode SATA 80GB 3D FerriSSD, C-temp, SLC mode SATA 16GB 3D FerriSSD, C-temp, TLC mode SATA 32GB 3D FerriSSD, C-temp, TLC mode SATA 64GB 3D FerriSSD, C-temp, TLC mode SATA 128GB 3D FerriSSD, C-temp, TLC mode SATA 256GB 3D FerriSSD, C-temp, TLC mode	ME619GXAIDE3S ME619GXBIDE3S ME619GXCIDE3S ME619GXDIDE3S ME619GXEIDE3S ME619GXAIDE3T ME619GXBIDE3T ME619GXCIDE3T ME619GXDIDE3T ME619GXEIDE3T	N/A ME619GXBIDF3S ME619GXCIDF3S ME619GXDIDF3S ME619GXEIDF3S N/A ME619GXBIDF3T ME619GXCIDF3T ME619GXDIDF3T ME619GXEIDF3T	SATA 10GB 3D FerriSSD, C-temp, SLC mode SATA 20GB 3D FerriSSD, C-temp, SLC mode SATA 40GB 3D FerriSSD, C-temp, SLC mode SATA 80GB 3D FerriSSD, C-temp, SLC mode SATA 32GB 3D FerriSSD, C-temp, TLC mode SATA 64GB 3D FerriSSD, C-temp, TLC mode SATA 128GB 3D FerriSSD, C-temp, TLC mode SATA 256GB 3D FerriSSD, C-temp, TLC mode
EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
SATA Family (MLC based SSD)		SATA Family (DRAM + BICS4 3D TLC based SSD)	
SATA 4GB CommericalFerriSSD SATA 8GB CommericalFerriSSD SATA 16GB CommericalFerriSSD SATA 32GB CommericalFerriSSD SATA 64GB CommericalFerriSSD	SM611GX4 BD SM611GX8 BD SM611GXA BD SM611GXB BD SM611GXC BD	N/A N/A N/A SM619GXB DFST SM619GXC DFST	SATA 32GB 3D FerriSSD, C-temp, TLC mode SATA 64GB 3D FerriSSD, C-temp, TLC mode
SATA Family (SLCmode based SSD)			
SATA 2GB XtendFerriSSD SATA 4GB XtendFerriSSD SATA 8GB XtendFerriSSD SATA 16GB XtendFerriSSD SATA 32GB XtendFerriSSD	SM651GX2 BD SM651GX4 BD SM651GX8 BD SM651GXA BD SM651GXB BD	N/A N/A SM619GXB DFSS SM619GXC DFSS SM619GXD DFSS	SATA 10GB 3D FerriSSD, C-temp, SLC mode SATA 20GB 3D FerriSSD, C-temp, SLC mode SATA 40GB 3D FerriSSD, C-temp, SLC mode
SATA Family (SLCmode i-temp based SSD)			
SATA 2GB XtendFerriSSD + i-Temp	SM651GE2 BD	N/A	

SATA 4GB XtendFerriSSD + i-Temp	SM651GE4 BD	N/A	
SATA 8GB XtendFerriSSD + i-Temp	SM651GE8 BD	SM619GEB DFSS	SATA 10GB 3D FerriSSD, i-temp, SLC mode
SATA 16GB XtendFerriSSD + i-Temp	SM651GEA BD	SM619GEC DFSS	SATA 20GB 3D FerriSSD, i-temp, SLC mode
SATA 32GB XtendFerriSSD + i-Temp	SM651GEB BD	SM619GED DFSS	SATA 40GB 3D FerriSSD, i-temp, SLC mode
SATA Family (DRAM + MLC based SSD)			
FerriSSD BGA SSD MLC NAND DRAM C-temp 16GB SATA-III	SM619GXA CDZ	N/A	
FerriSSD BGA SSD MLC NAND DRAM C-temp 32GB SATA-III	SM619GXB CDZ	SM619GXB DFST	SATA 32GB 3D FerriSSD, C-temp, TLC mode
FerriSSD BGA SSD MLC NAND DRAM C-temp 64GB SATA-III	SM619GXC CDZ	SM619GXC DFST	SATA 64GB 3D FerriSSD, C-temp, TLC mode
FerriSSD BGA SSD MLC NAND DRAM C-temp 128GB SATA-III	SM619GXD CDZ	SM619GXD DFST	SATA 128GB 3D FerriSSD, C-temp, TLC mode
SATA Family (DRAM + SLCmode based SSD)			
FerriSSD BGA SSD SLCmode NAND DRAM C-temp 8GB SATA-III	SM659GX8 CDZ	SM619GXB DFSS	SATA 10GB 3D FerriSSD, C-temp, SLC mode
FerriSSD BGA SSD SLCmode NAND DRAM C-temp 16GB SATA-III	SM659GXA CDZ	SM619GXC DFSS	SATA 20GB 3D FerriSSD, C-temp, SLC mode
FerriSSD BGA SSD SLCmode NAND DRAM C-temp 32GB SATA-III	SM659GXB CDZ	SM619GXD DFSS	SATA 40GB 3D FerriSSD, C-temp, SLC mode
FerriSSD BGA SSD SLCmode NAND DRAM C-temp 64GB SATA-III	SM659GXC CDZ	SM619GXE DFSS	SATA 80GB 3D FerriSSD, C-temp, SLC mode
SATA Family (DRAM i-temp SLCmode based SSD)			
FerriSSD BGA SSD SLCmode NAND DRAM i-temp 8GB SATA-III	SM659GE8 CDZ	SM619GEB DFSS	SATA 10GB 3D FerriSSD, i-temp, SLC mode
FerriSSD BGA SSD SLCmode NAND DRAM i-temp 16GB SATA-III	SM659GEA CDZ	SM619GEC DFSS	SATA 20GB 3D FerriSSD, i-temp, SLC mode
FerriSSD BGA SSD SLCmode NAND DRAM i-temp 32GB SATA-III	SM659GEB CDZ	SM619GED DFSS	SATA 40GB 3D FerriSSD, i-temp, SLC mode
FerriSSD BGA SSD SLCmode NAND DRAM i-temp 64GB SATA-III	SM659GEC CDZ	SM619GEE DFSS	SATA 80GB 3D FerriSSD, i-temp, SLC mode
EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
SATA Family (MLC based SSD) MO297			SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE MO297
MO297 SATA 4GB CommericalFerriSSD	MB611GX4DBD1	N/A	
MO297 SATA 8GB CommericalFerriSSD	MB611GX8DBD1	N/A	
MO297 SATA 16GB CommericalFerriSSD	MB611GXADBD1	N/A	
MO297 SATA 32GB CommericalFerriSSD	MB611GXBDBD1	MB619GXBDFT3	SATA 32GB 3D FerriSSD, C-temp , TLC mode
MO297 SATA 64GB CommericalFerriSSD	MB611GXCDBD1	MB619GXCDF3T	SATA 64GB 3D FerriSSD, C-temp , TLC mode
SATA Family (SLCmode based SSD) MO297			
MO297 SATA 2GB XtendFerriSSD	MB651GX2DBD1	N/A	
MO297 SATA 4GB XtendFerriSSD	MB651GX4DBD1	N/A	
MO297 SATA 8GB XtendFerriSSD	MB651GX8DBD1	MB619GXBDFT3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
MO297 SATA 16GB XtendFerriSSD	MB651GXADBD1	MB619GXCDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
MO297 SATA 32GB XtendFerriSSD	MB651GXBDBD1	MB619GXDIDF3S	SATA 40GB 3D FerriSSD, C-temp , SLC mode
SATA Family (SLCmode i-temp based SSD) MO297			
MO297 SATA 2GB XtendFerriSSD + i-Temp	MB651GE2DBD1	N/A	
MO297 SATA 4GB XtendFerriSSD + i-Temp	MB651GE4DBD1	N/A	
MO297 SATA 8GB XtendFerriSSD + i-Temp	MB651GE8DBD1	MB619GEBDF3S	SATA 10GB 3D FerriSSD, i-temp, SLC mode
MO297 SATA 16GB XtendFerriSSD + i-Temp	MB651GEADBD1	MB619GECDF3S	SATA 20GB 3D FerriSSD, i-temp, SLC mode
MO297 SATA 32GB XtendFerriSSD + i-Temp	MB651GEBDBD1	MB619GEDDF3S	SATA 40GB 3D FerriSSD, i-temp , SLC mode
SATA Family (MLC based SSD) MO300A			SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE MO300A
MO300A SATA 4GB CommercialFerriSSD	MC611GX4DBD1	N/A	
MO300A SATA 8GB CommercialFerriSSD	MC611GX8DBD1	N/A	
MO300A SATA 16GB CommercialFerriSSD	MC611GXADBD1	N/A	
MO300A SATA 32GB CommericalFerriSSD	MC611GXBDBD1	MC619GXBDFT3	SATA 32GB 3D FerriSSD, C-temp, TLC mode
MO300A SATA 64GB CommericalFerriSSD	MC611GXCDBD1	MC619GXCDF3T	SATA 64GB 3D FerriSSD, C-temp, TLC mode
SATA Family (SLCmode based SSD) MO300A			
MO300A SATA 2GB XtendFerriSSD	MC651GX2DBD1	N/A	
MO300A SATA 4GB XtendFerriSSD	MC651GX4DBD1	N/A	
MO300A SATA 8GB XtendFerriSSD	MC651GX8DBD1	MC619GXBDFT3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
MO300A SATA 16GB XtendFerriSSD	MC651GXADBD1	MC619GXCDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
MO300A SATA 32GB XtendFerriSSD	MC651GXBDBD1	MC619GXDIDF3S	SATA 40GB 3D FerriSSD, C-temp , SLC mode

SATA Family (SLCmode i-temp based SSD) MO300A			
MO300A SATA 2GB XtendFerriSSD + i-Temp	MC651GE2DBD1	N/A	
MO300A SATA 4GB XtendFerriSSD + i-Temp	MC651GE4DBD1	N/A	
MO300A SATA 8GB XtendFerriSSD + i-Temp	MC651GE8DBD1	MC619GEBIDF3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
MO300A SATA 16GB XtendFerriSSD + i-Temp	MC651GEADBD1	MC619GECIDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
MO300A SATA 32GB XtendFerriSSD + i-Temp	MC651GEBDBD1	MC619GEDIDF3S	SATA 40GB 3D FerriSSD, C-temp, SLC mode
EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
SATA Family (DRAM + MLC based SSD) MO297			SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE MO297
MO297 SATA 16GB CommercialFerriSSD	MB619GXAFCD3	N/A	
MO297 SATA 32GB CommercialFerriSSD	MB619GXBFCDF3	MB619GXBDIF3T	SATA 32GB 3D FerriSSD, C-temp , TLC mode
MO297 SATA 64GB CommercialFerriSSD	MB619GXCFCDF3	MB619GXCIDF3T	SATA 64GB 3D FerriSSD, C-temp , TLC mode
MO297 SATA 128GB CommercialFerriSSD	MB619GXDFCDF3	MB619GXIDF3T	SATA 128GB 3D FerriSSD, C-temp , TLC mode
SATA Family (DRAM + SLCmode based SSD) MO297			
MO297 SATA 8GB XtendFerriSSD	MB659GX8FCD3	MB619GXBDIF3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
MO297 SATA 16GB XtendFerriSSD	MB659GXAFCD3	MB619GXCIDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
MO297 SATA 32GB XtendFerriSSD	MB659GXBFCDF3	MB619GXIDF3S	SATA 40GB 3D FerriSSD, C-temp , SLC mode
MO297 SATA 64GB XtendFerriSSD	MB659GXCFCDF3	MB619GXEIDF3S	SATA 80GB 3D FerriSSD, C-temp , SLC mode
SATA Family (DRAM + MLC based SSD) MO300A			SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE MO300A
MO300A SATA 16GB CommercialFerriSSD	MC619GXAFCD3	N/A	
MO300A SATA 32GB CommercialFerriSSD	MC619GXBFCDF3	MC619GXBDIF3T	SATA 32GB 3D FerriSSD, C-temp, TLC mode
MO300A SATA 64GB CommercialFerriSSD	MC619GXCFCDF3	MC619GXCIDF3T	SATA 64GB 3D FerriSSD, C-temp, TLC mode
MO300A SATA 128GB CommercialFerriSSD	MC619GXDFCDF3	MC619GXIDF3T	SATA 128GB 3D FerriSSD, C-temp, TLC mode
SATA Family (DRAM + SLCmode based SSD) MO300A			
MO300A SATA 8GB XtendFerriSSD	MC659GX8FCD3	MC619GXBDIF3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
MO300A SATA 16GB XtendFerriSSD	MC659GXAFCD3	MC619GXCIDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
MO300A SATA 32GB XtendFerriSSD	MC659GXBFCDF3	MC619GXIDF3S	SATA 40GB 3D FerriSSD, C-temp, SLC mode
MO300A SATA 64GB XtendFerriSSD	MC659GXCFCDF3	MC619GXEIDF3S	SATA 80GB 3D FerriSSD, C-temp, SLC mode
SATA Family (DRAM + MLC based SSD)			SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE M.2 (22x42mm)
FerriSSD M.2 SSD MLC NAND DRAM C-temp 16GB SATA	MD619GXAFCD3	N/A	
FerriSSD M.2 SSD MLC NAND DRAM C-temp 32GB SATA	MD619GXBFCDF3	MD619GXBDIF3T	SATA 32GB 3D FerriSSD, C-temp, TLC mode
FerriSSD M.2 SSD MLC NAND DRAM C-temp 64GB SATA	MD619GXCFCDF3	MD619GXCIDF3T	SATA 64GB 3D FerriSSD, C-temp, TLC mode
FerriSSD M.2 SSD MLC NAND DRAM C-temp 128GB SATA	MD619GXDFCDF3	MD619GXIDF3T	SATA 128GB 3D FerriSSD, C-temp, TLC mode
SATA Family (DRAM + SLCmode based SSD)			
FerriSSD M.2 2242 module SSD SATA-III 8GB 2D SLCmode NAND C-temp	MD659GX8FCD3	MD619GXBDIF3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
FerriSSD M.2 2242 module SSD SATA-III 16GB 2D SLCmode NAND C-temp	MD659GXAFCD3	MD619GXCIDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
FerriSSD M.2 2242 module SSD SATA-III 32GB 2D SLCmode NAND C-temp	MD659GXBFCDF3	MD619GXIDF3S	SATA 40GB 3D FerriSSD, C-temp, SLC mode
FerriSSD M.2 2242 module SSD SATA-III 64GB 2D SLCmode NAND C-temp	MD659GXCFCDF3	MD619GXEIDF3S	SATA 80GB 3D FerriSSD, C-temp, SLC mode
SATA Family (DRAM + MLC based SSD) MODULE M.2 (22x80mm)			SATA Family (DRAM + BICS4 3D TLC based SSD) MODULE M.2 (22x80mm)
FerriSSD M.2 2280 module SSD SATA-III 16GB 2D MLC NAND C-temp	ME619GXAFCD3	N/A	
FerriSSD M.2 2280 module SSD SATA-III 32GB 2D MLC NAND C-temp	ME619GXBFCDF3	ME619GXBDIF3T	SATA 32GB 3D FerriSSD, C-temp, TLC mode
FerriSSD M.2 2280 module SSD SATA-III 64GB 2D MLC NAND C-temp	ME619GXCFCDF3	ME619GXCIDF3T	SATA 64GB 3D FerriSSD, C-temp, TLC mode
FerriSSD M.2 2280 module SSD SATA-III 128GB 2D MLC NAND C-temp	ME619GXDFCDF3	ME619GXIDF3T	SATA 128GB 3D FerriSSD, C-temp, TLC mode
SATA Family (DRAM + SLCmode based SSD) MODULE M.2 (22x80mm)			
FerriSSD M.2 2280 module SSD SATA-III 8GB 2D MLC NAND C-temp	ME659GX8FCD3	ME619GXBDIF3S	SATA 10GB 3D FerriSSD, C-temp, SLC mode
FerriSSD M.2 2280 module SSD SATA-III 16GB 2D SLCmode NAND C-temp	ME659GXAFCD3	ME619GXCIDF3S	SATA 20GB 3D FerriSSD, C-temp, SLC mode
FerriSSD M.2 2280 module SSD SATA-III 32GB 2D SLCmode NAND C-temp	ME659GXBFCDF3	ME619GXIDF3S	SATA 40GB 3D FerriSSD, C-temp, SLC mode
FerriSSD M.2 2280 module SSD SATA-III 64GB 2D SLCmode NAND C-temp	ME659GXCFCDF3	ME619GXEIDF3S	SATA 80GB 3D FerriSSD, C-temp, SLC mode
EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
Ferri-eMMC BICS3 3D TLC (100 ball package)			Ferri-eMMC BICS4 3D TLC (100 ball package)
Ferri-eMMC BGA 100-b eMMC 3D TLC NAND C-temp 5GB, SLC mode	SM662GXA-BDSS	SM662GXA-BESS	Ferri-eMMC BGA 100-b eMMC 3D TLC NAND C-temp 5GB, SLC mode

EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
FERRI eMMC BICS3 3D TLC (153 ball package)			FERRI eMMC BICS4 3D TLC (153 ball package)
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 5GB, SLC mode	SM662PXA-BDSS	SM662PXA-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 5GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 10GB, SLC mode	SM662PXB-BDSS	SM662PXB-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 10GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 20GB, SLC mode	SM662PXC-BDSS	SM662PXC-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 20GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 40GB, SLC mode	SM662PXD-BDSS	SM662PXD-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 40GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 80GB, SLC mode	SM662PXE-BDSS	SM662PXE-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND C-temp 80GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 5GB, SLC mode	SM662PEA-BDSS	SM662PEA-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 5GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 10GB, SLC mode	SM662PEB-BDSS	SM662PEB-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 10GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 20GB, SLC mode	SM662PEC-BDSS	SM662PEC-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 20GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 40GB, SLC mode	SM662PED-BDSS	SM662PED-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 40GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 80GB, SLC mode	SM662PEE-BDSS	SM662PEE-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND I-temp 80GB, SLC mode
FERRI-eMMC BGA 153-b eMMC 3D TLC NAND 5GB Automotive Grade3, SLC mode	SM662PAA-BDSS	SM662PAA-BESS	FERRI-eMMC BGA 153-b eMMC 3D TLC NAND 5GB Automotive Grade3, SLC mode

EOL PRODUCT DESCRIPTION	EOL P/N	REPLACEMENT P/N	REPLACEMENT PRODUCT DESCRIPTION
Ferri-UFS BICS3 3D TLC (153 ball package)			Ferri-UFS BICS4 3D TLC (153 ball package)
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 5GB, SLC mode	SM671PXA-ADSS	SM671PXA-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 5GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 10GB, SLC mode	SM671PXB-ADSS	SM671PXB-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 10GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 20GB, SLC mode	SM671PXC-ADSS	SM671PXC-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 20GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 40GB, SLC mode	SM671PXD-ADSS	SM671PXD-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 40GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 80GB, SLC mode	SM671PXE-ADSS	SM671PXE-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 80GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 5GB, SLC mode	SM671PEA-ADSS	SM671PEA-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 5GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 10GB, SLC mode	SM671PEB-ADSS	SM671PEB-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 10GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 20GB, SLC mode	SM671PEC-ADSS	SM671PEC-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 20GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 40GB, SLC mode	SM671PED-ADSS	SM671PED-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 40GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 80GB, SLC mode	SM671PEE-ADSS	SM671PEE-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 80GB, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 5GB Automotive Grade3, SLC mode	SM671PAA-ADSS	SM671PAA-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 5GB Automotive Grade3, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 10GB Automotive Grade3, SLC mode	SM671PAB-ADSS	SM671PAB-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 10GB Automotive Grade3, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 20GB Automotive Grade3, SLC mode	SM671PAC-ADSS	SM671PAC-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 20GB Automotive Grade3, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 40GB Automotive Grade3, SLC mode	SM671PAD-ADSS	SM671PAD-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 40GB Automotive Grade3, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 80GB Automotive Grade3, SLC mode	SM671PAE-ADSS	SM671PAE-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 80GB Automotive Grade3, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 10GB Automotive Grade2, SLC mode	SM671PBB-ADSS	SM671PBB-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 10GB Automotive Grade2, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 20GB Automotive Grade2, SLC mode	SM671PBC-ADSS	SM671PBC-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 20GB Automotive Grade2, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 40GB Automotive Grade2, SLC mode	SM671PBD-ADSS	SM671PBD-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 40GB Automotive Grade2, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 80GB Automotive Grade2, SLC mode	SM671PBE-ADSS	SM671PBE-AFSS	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 80GB Automotive Grade2, SLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 16GB, TLC mode	SM671PXA-ADST	SM671PXA-AFST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 16GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 32GB, TLC mode	SM671PXB-ADST	SM671PXB-AFST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 32GB, TLC mode

Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 64GB, TLC mode	SM671PXC-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 64GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 128GB, TLC mode	SM671PXD-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 128GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 256GB, TLC mode	SM671PXE-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND C-temp 256GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 16GB, TLC mode	SM671PEA-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 16GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 32GB, TLC mode	SM671PEB-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 32GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 64GB, TLC mode	SM671PEC-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 64GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 128GB, TLC mode	SM671PED-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 128GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 256GB, TLC mode	SM671PEE-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND I-temp 256GB, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 16GB Automotive Grade3, TLC mode	SM671PAA-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 16GB Automotive Grade3, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 32GB Automotive Grade3, TLC mode	SM671PAB-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 32GB Automotive Grade3, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 64GB Automotive Grade3, TLC mode	SM671PAC-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 64GB Automotive Grade3, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 128GB Automotive Grade3, TLC mode	SM671PAD-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 128GB Automotive Grade3, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 256GB Automotive Grade3, TLC mode	SM671PAE-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 256GB Automotive Grade3, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 32GB Automotive Grade2, TLC mode	SM671PBB-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 32GB Automotive Grade2, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 64GB Automotive Grade2, TLC mode	SM671PBC-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 64GB Automotive Grade2, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 128GB Automotive Grade2, TLC mode	SM671PBD-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 128GB Automotive Grade2, TLC mode
Ferri-UFS BGA 153-b eMMC 3D TLC NAND 256GB Automotive Grade2, TLC mode	SM671PBE-ADST	Ferri-UFS BGA 153-b eMMC 3D TLC NAND 256GB Automotive Grade2, TLC mode