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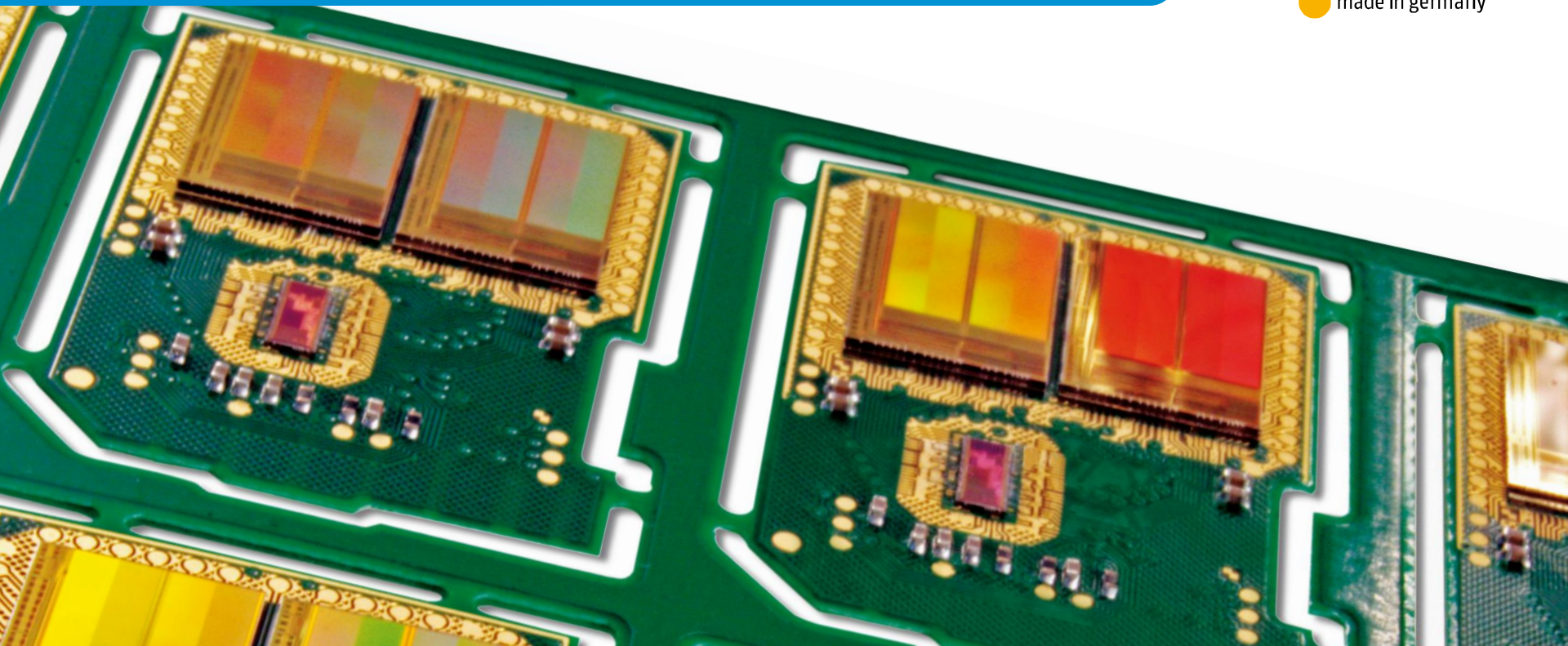
Rev.09
Confidential

# FLASH PRODUCTS ROADMAP Q3 2015

made in germany



# COMPACT FLASH CARD

C-300 Series – UDMA4/MDMA4 & PIO – CFA4.1 – 128MB to 1GB (8GB) – up to 38/16)

C-320 Series – UDMA4/MDMA4 & PIO – CFA4.1 – 2GB to 32GB – up to 45/35 MB/s (optional ZoneProtection)

C-440 Series – UDMA6/MDMA4 & PIO – CFA5.0 – 2GB to 64GB – up to 65 MB/s – High performance & Read Disturb Manage

C-300L Longevity Series – UDMA4/MDMA4 & PIO6 CFA4.1 – (32/64) 128MB to 8GB

LifeTimeMonitoring (LTM) Application for Windows & Linux with optional programming interface (DLL/API)

ZoneProtection Manager Application for security features

1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

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# SD MEMORY CARD

S-200/220 SD Memory Cards – class 6/10 – industrial grade – 512MB to 8GB SLC

S-40 SD 3.0 Card – class 6 – 4GB to 32GB MLC

S-45 SD 3.0 Card UHS-I – class 10, U1 – 4GB to 64GB MLC

S-450 SD 3.0 Card UHS-I – class 10, U1 – 512MB to 32GB SLC

LifeTimeMonitoring – over SPI & SD/MMC Mode access standard commands

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# MICRO SD MEMORY CARD

S-200µ Micro SD Memory Cards - class 6/10 – 512MB to 2GB SLC - up to 24/22 MB/s – diagnostic feature

S-300µ Micro SD Memory Cards - class 6/10 – 1GB to 8GB SLC (SDHC) – up to 24/22 MB/s

S-40µ MICRO SDHC 3.0 Card - class 6 – 4GB to 16GB MLC

S-45µ MICRO SDHC 3.0 Card UHS-I – class 10 – 4GB to 16GB MLC (32GB Q1'16)

S-450µ MICRO SDHC 3.0 Card UHS-I – class 10 – 512MB to 8GB SLC

LifeTimeMonitoring – over SPI & SD/MMC Mode access standard commands

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# USB SSD / UFD / MODULES

miniTWIST/CAP II – (up to 4GB – up to 20/12 MB/s)

unitedCONTRAST II UFD – industrial grade -40°C up to 85°C (up to 16GB – up to 32/18 MB/s)

U-110 UFD Module – industrial grade -40°C up to 85°C (up to 16GB – up to 32/18 MB/s) – 2 and 2.54mm pitch – fix drive

U-400 UFD Module eUSB 2.0 – up to 32GB SLC – enhanced diagnostic LTM & FW update

U-45 UFD Module eUSB 2.0 – up to 64GB MLC – page FTL, diagnostic LTM & FW update

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# SSD 2.5“ PATA / SATA

P-120 PATA 2.5" SSD – ATA/IDE -PIO/MDMA/UDMA4 – 2GB to 32GB – up to 45/35 MB/s

X-200 SATA 2.5" SSD – SATA 3Gbit/s– 4GB to 8GB – up to 120/95 MB/s (no DRAM cache)

X-500 SATA 2.5" SSD – SATA 3Gbit/s– 16GB to 512GB (SLC)– up to 14.500 IOPS - up to 240/200 MB/s - latch protection

X-55 SATA 2.5" SSD – SATA 3Gbit/s – 30GB to 480GB (EM-MLC)– up to 14.500 IOPS - up to 240/200 MB/s - latch protection

X-60 SATA 2.5" SSD – SATA 6Gbit/s - MLC high IOPS

FW update and Enhanced Erase Tool for X-500/X-55

Full S.M.A.R.T. support / Tool / API-Library

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# SATA SSD MODULES & CFAST™

X- 200m mSATA MO-300 full size – SATA 3Gbit/s – up to 120/95 MB/s – 1GB to 64GB

X-60m - mSATA MO-300 – SATA 6Gbit/s – MLC high IOPS

X- 200s slimSATA MO-297– sATA 3Gbit/s – up to 120/95 MB/s – 2GB to 64GB

X-60s - slimSATA MO-297 – SATA 6Gbit/s – MLC high IOPS

F-100 Series – CFast™ – SATA 3Gbit/s – up to 120 MB/s – 2GB to 32GB

F-240 Series – CFast™ – up to 64GB – up to 130 MB/s & extended IOPS – Read Disturb Management

F-60 – CFast™ – SATA 6Gbit/s – MLC high IOPS

X-60m2 – M.2 2280 – SATA 6Gbit/s - MLC high IOPS

X-60m2 – M.2 2242 – SATA 6Gbit/s - MLC high IOPS

X-60m2 – M.2 2260 – SATA 6Gbit/s - MLC high IOPS

1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

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