

Release Notes for AT32 MCU

Keil5 Package V2

V2.4.6-2025/08/11

1. ArteryTek.AT32F011_DFP.2.0.0
Added AT32F011 as a new product series support

V2.4.5-2025/08/04

1. ArteryTek.AT32F415_DFP.2.1.7
Updated AT32F415 series firmware library and svd file

V2.4.4-2025/06/24

1. ArteryTek.AT32F422_426_DFP.2.0.0
Added AT32F422 and AT32F426 series as new product series
2. ArteryTek.AT32F402_405_DFP.2.1.2
Updated AT32F402_405 series firmware library

V2.4.3-2025/04/25

1. ArteryTek.AT32A403A_DFP.2.0.8
Updated AT32A403A series firmware library
2. ArteryTek.AT32F403A_407_DFP.2.2.2
Updated AT32F403A_407 series firmware library
3. ArteryTek.AT32F413_DFP.2.1.7
Updated AT32F413 series firmware library

V2.4.2-2025/01/20

1. ArteryTek.AT32A423_DFP.2.0.3
Updated AT32A423 series firmware library
2. ArteryTek.AT32F402_405_DFP.2.1.2
Updated AT32F402_405 series firmware library
3. ArteryTek.AT32F423_DFP.2.1.1
Updated AT32F423 series firmware library
4. ArteryTek.AT32F435_437_DFP.2.2.3
Updated AT32F435_437 series firmware library
5. ArteryTek.AT32F490_DFP.2.0.4
Updated AT32F490 series firmware library
6. ArteryTek.AT32L021_DFP.2.0.6
Updated AT32L021 series firmware library
7. ArteryTek.AT32F45x_DFP.2.0.0
Updated AT32F455, AT32F456 and AT32F457 series firmware library

V2.4.1-2024/12/16

1. ArteryTek.AT32A403A_DFP.2.0.7
Updated AT32A403A series firmware library and svd file.

2. ArteryTek.AT32A423_DFP.2.0.2
Updated AT32A423 series firmware library and svd file.
3. ArteryTek.AT32F402_405_DFP.2.1.0
Updated AT32F402_405 series firmware library and svd file.
4. ArteryTek.AT32F403_DFP.2.1.3
Updated AT32F403 series firmware library and svd file.
5. ArteryTek.AT32F403A_407_DFP.2.2.1
Updated AT32F403A_407 series firmware library and svd file.
6. ArteryTek.AT32F402_405_DFP.2.1.0
Updated AT32F402_405 series firmware library and svd file.
7. ArteryTek.AT32F413_DFP.2.1.6
Updated AT32F413 series firmware library and svd file.
8. ArteryTek.AT32F415_DFP.2.1.6
Updated AT32F415 series firmware library and svd file.
9. ArteryTek.AT32F421_DFP.2.1.8
Updated AT32F421 series firmware library and svd file.
10. ArteryTek.AT32F423_DFP.2.1.0
Updated AT32F423 series firmware library and svd file.
11. ArteryTek.AT32F425_DFP.2.1.4
Updated AT32F425 series firmware library and svd file.
12. ArteryTek.AT32F435_437_DFP.2.2.2
Updated AT32F435_437 series firmware library and svd file.
13. ArteryTek.AT32M412_416_DFP.2.0.2
Updated AT32M412_416 series firmware library and svd file.
14. ArteryTek.AT32WB415_DFP.2.1.2
Updated AT32WB415 series firmware library and svd file.

V2.4.0-2024/12/06

1. ArteryTek.AT32F490_DFP.2.0.3
Updated AT32F490 series firmware library.

V2.3.9-2024/10/18

1. ArteryTek.AT32M412_416_DFP.2.0.1
Updated AT32M412_416 series firmware library.

V2.3.8-2024/08/09

1. ArteryTek.AT32M412_416_DFP.2.0.0
Added AT32M412_416 series pack.
2. ArteryTek.AT32A403A_DFP.2.0.6
Updated AT32A403A series firmware library.
3. ArteryTek.AT32A423_DFP.2.0.1
Updated AT32A423 series firmware library.
4. ArteryTek.AT32F402_405_DFP.2.0.9
Updated AT32F402_405 series firmware library.
5. ArteryTek.AT32F403_DFP.2.1.2
Updated AT32F403 series firmware library.
6. ArteryTek.AT32F403A_407_DFP.2.2.0
Updated AT32F403A_407 series firmware library.
7. ArteryTek.AT32F413_DFP.2.1.5
Updated AT32F413 series firmware library.
8. ArteryTek.AT32F415_DFP.2.1.5
Updated AT32F415 series firmware library.
9. ArteryTek.AT32F421_DFP.2.1.7
Updated AT32F421 series firmware library.
10. ArteryTek.AT32F423_DFP.2.0.9
Updated AT32F423 series firmware library.
11. ArteryTek.AT32F425_DFP.2.1.3
Updated AT32F425 series firmware library.
12. ArteryTek.AT32F435_437_DFP.2.2.1
Updated AT32F435_437 series firmware library.
13. ArteryTek.AT32WB415_DFP.2.1.1
Updated AT32WB415 series firmware library.

V2.3.7-2024/08/06

1. ArteryTek.AT32F490_DFP.2.0.2
Updated AT32F490 series firmware library and svd file.

V2.3.6-2024/05/20

1. ArteryTek.AT32F490_DFP.2.0.1
Updated AT32F490 series firmware library.

V2.3.5-2024/05/10

1. ArteryTek.AT32F402_405_DFP.2.0.8
Updated AT32F402_405 series firmware library.
2. ArteryTek.AT32L021_DFP.2.0.4
Updated AT32L021 series firmware library.

V2.3.4-2024/04/30

1. ArteryTek.AT32F490_DFP.2.0.0
Added AT32F490 series pack.
2. ArteryTek.AT32F402_405_DFP.2.0.7
Updated AT32F402_405 series firmware library.
3. ArteryTek.AT32F435_437_DFP.2.2.0
Updated AT32F435_437 series firmware library.

V2.3.3-2024/04/15

1. ArteryTek.AT32A423_DFP.2.0.0
Added AT32A423 series pack.

V2.3.2-2024/04/03

1. ArteryTek.AT32A403A_DFP.2.0.5
Added SFR files.
2. ArteryTek.AT32F402_405_DFP.2.0.6
Added SFR files.
3. ArteryTek.AT32F403_DFP.2.1.1
Added SFR files.
4. ArteryTek.AT32F403A_407_DFP.2.1.9
Added SFR files.
5. ArteryTek.AT32F413_DFP.2.1.4
Added SFR files.
6. ArteryTek.AT32F415_DFP.2.1.4
Added SFR files.
7. ArteryTek.AT32F421_DFP.2.1.6
Added SFR files.
8. ArteryTek.AT32F423_DFP.2.0.8
Added SFR files.
9. ArteryTek.AT32F425_DFP.2.1.2
Added SFR files.
10. ArteryTek.AT32F435_437_DFP.2.1.9
Added SFR files.
11. ArteryTek.AT32L021_DFP.2.0.3
Added SFR files.
12. ArteryTek.AT32WB415_DFP.2.1.0
Added SFR files.

V2.3.1-2024/03/04

1. ArteryTek.AT32F402_405_DFP.2.0.5
Updated AT32F402_405 firmware library
2. ArteryTek.AT32F435_437_DFP.2.1.8
Updated AT32F435_437 firmware library
3. ArteryTek.AT32L021_DFP.2.0.2
Updated AT32L021 firmware library

V2.3.0-2024/01/26

1. ArteryTek.AT32A403A_DFP.2.0.4
Updated AT32A403A firmware library
2. ArteryTek.AT32F402_405_DFP.2.0.4
Updated AT32F402_405 firmware library
3. ArteryTek.AT32F403_DFP.2.1.0
Updated AT32F403 firmware library
4. ArteryTek.AT32F403A_407_DFP.2.1.8
Updated AT32F403A_407 firmware library
5. ArteryTek.AT32F413_DFP.2.1.3
Updated AT32F413 firmware library
6. ArteryTek.AT32F415_DFP.2.1.3
Updated AT32F415 firmware library
7. ArteryTek.AT32F421_DFP.2.1.5
Updated AT32F421 firmware library
8. ArteryTek.AT32F423_DFP.2.0.7
Updated AT32F423 firmware library
9. ArteryTek.AT32F425_DFP.2.1.1
Updated AT32F425 firmware library
10. ArteryTek.AT32F435_437_DFP.2.1.7
Updated AT32F435_437 firmware library
11. ArteryTek.AT32WB415_DFP.2.0.9
Updated AT32WB415 firmware library

V2.2.9-2024/01/19

1. ArteryTek.AT32L021_DFP.2.0.1
Updated AT32L021 device name and firmware library

V2.2.8-2024/01/05

1. ArteryTek.AT32A403A_DFP.2.0.2
Updated AT32A403A series firmware library
2. ArteryTek.AT32F402_405_DFP.2.0.3
Updated AT32F402_405 series firmware library
3. ArteryTek.AT32F403_DFP.2.0.9
Updated AT32F403 series firmware library
4. ArteryTek.AT32F403A_407_DFP.2.1.7
Updated AT32F403A_407 series firmware library
5. ArteryTek.AT32F413_DFP.2.1.2
Updated AT32F413 series firmware library
6. ArteryTek.AT32F415_DFP.2.1.2
Updated AT32F415 series firmware library
7. ArteryTek.AT32F421_DFP.2.1.4
Updated AT32F421 series firmware library
8. ArteryTek.AT32F423_DFP.2.0.6
Updated AT32F423 series firmware library
9. ArteryTek.AT32F425_DFP.2.1.1
Updated AT32F425 series firmware library
10. ArteryTek.AT32F435_437_DFP.2.1.6
Updated AT32F435_437 series firmware library
11. ArteryTek.AT32WB415_DFP.2.0.8
Updated AT32WB415 series firmware library

V2.2.7-2023/10/26

1. ArteryTek. AT32A403A_DFP.2.0.1
Updated AT32F421 series firmware library
2. ArteryTek. AT32F402_405_DFP.2.0.2
Updated AT32F402_405 series firmware library and algorithm files
3. ArteryTek. AT32F403_DFP.2.0.8
Updated AT32F403 series firmware library
4. ArteryTek. AT32F403A_407_DFP.2.1.6
Updated AT32F403A_407 series firmware library
5. ArteryTek. AT32F413_DFP.2.1.1
Updated AT32F413 series firmware library
6. ArteryTek. AT32F415_DFP.2.1.1
Updated AT32F415 series firmware library
7. ArteryTek. AT32F421_DFP.2.1.3
Updated AT32F421 series firmware library
8. ArteryTek. AT32F423_DFP.2.0.5
Updated AT32F423 series firmware library and algorithm files
9. ArteryTek. AT32F425_DFP.2.1.0
Updated AT32F425 series firmware library
10. ArteryTek. AT32F435_437_DFP.2.1.5
Updated AT32F435_437 series firmware library

11. ArteryTek. AT32WB415_DFP.2.0.7
Updated AT32 WB415 series firmware library

V2.2.6-2023/09/28

1. ArteryTek.AT32F402_405_DFP.2.0.1
Updated AT32F421 series firmware library

V2.2.5-2023/08/22

1. ArteryTek.AT32F402_405_DFP.2.0.0:
Updated AT32F402_405 series firmware library and svd files

V2.2.4-2023/08/04

1. ArteryTek.AT32F421_DFP.2.1.2:
Updated AT32F421 series firmware library and svd files
2. ArteryTek.AT32F413_DFP.2.1.0:
Updated AT32F413 series firmware library and svd files
3. ArteryTek.AT32F415_DFP.2.1.0:
Updated AT32F415 series firmware library and svd files
4. ArteryTek.AT32F423_DFP.2.0.4:
Updated AT32F423 series firmware library and svd files
5. ArteryTek.AT32F425_DFP.2.0.9:
Updated AT32F425 series firmware library and svd files
6. ArteryTek.AT32F403_DFP.2.0.7:
Updated AT32F403 series firmware library and svd files
7. ArteryTek.AT32WB415_DFP.2.0.6:
Updated AT32WB415 series firmware library and svd files
8. ArteryTek.AT32F403A_407_DFP.2.1.5:
Updated AT32F403A_407 series firmware library and svd files
9. ArteryTek.AT32F435_437_DFP.2.1.4:
Updated AT32F435_437 series firmware library and svd files

V2.2.3-2023/07/07

1. ArteryTek.AT32F425_DFP.2.0.8
Updated AT32F425 svd file
2. ArteryTek.AT32A403A_DFP.2.0.0
Added AT32A403A series pack

V2.2.2-2023/05/24

1. ArteryTek.AT32F423_DFP.2.0.2
Updated the base address of user system data area

V2.2.1-2023/04/26

1. ArteryTek.AT32F423_DFP.2.0.1
Updated AT32F423 series firmware library

V2.2.0-2023/03/24

1. ArteryTek. AT32F423_DFP.2.0.0
Added AT32F423 series PACK.

V2.1.9-2023/02/16

1. ArteryTek. AT32F421_DFP.2.1.1
Updated AT32F421 firmware library
2. ArteryTek. AT32F413_DFP.2.0.9
Updated AT32F413 firmware library
3. ArteryTek. AT32F415_DFP.2.0.9
Updated AT32F415 firmware library
4. ArteryTek. AT32F425_DFP.2.0.7
Updated AT32F425 firmware library and svd file
5. ArteryTek. AT32F403_DFP.2.0.6
Updated AT32F403 firmware library
6. ArteryTek. AT32WB415_DFP.2.0.5
Updated AT32WB415 firmware library
7. ArteryTek. AT32F403A_407_DFP.2.1.4
Updated AT32F403A_407 firmware library
8. ArteryTek. AT32F435_437_DFP.2.1.3
Updated AT32F435_437 firmware library

V2.1.8-2022/11/18

1. ArteryTek. AT32F421_DFP.2.1.0
Updated AT32F421 firmware library
2. ArteryTek. AT32F413_DFP.2.0.8
Updated AT32F413 firmware library
3. ArteryTek. AT32F415_DFP.2.0.8
Updated AT32F415 firmware library
4. ArteryTek. AT32F425_DFP.2.0.6
Updated AT32F425 firmware library
5. ArteryTek. AT32F403_DFP.2.0.5
Updated AT32F403 firmware library
6. ArteryTek. AT32WB415_DFP.2.0.4
Updated AT32WB415 firmware library

V2.1.7-2022/10/28

1. ArteryTek. AT32F421_DFP.2.0.9
Added AT32F4212C8T7, updated AT32F421 firmware library

V2.1.6-2022/08/23

1. ArteryTek. AT32F421_DFP.2.0.8
Updated AT32F421 firmware library
2. ArteryTek. AT32F413_DFP.2.0.7
Updated AT32F413 firmware library
3. ArteryTek. AT32F415_DFP.2.0.7
Updated AT32F415 firmware library
4. ArteryTek. AT32F425_DFP.2.0.5
Updated AT32F425 firmware library
5. ArteryTek. AT32F403_DFP.2.0.4
Updated AT32F403 firmware library
6. ArteryTek. AT32WB415_DFP.2.0.3
Updated AT32 WB415 firmware library
7. ArteryTek. AT32F403A_407_DFP.2.1.2
Updated AT32F403A_407 firmware library
8. ArteryTek. AT32F435_437_DFP.2.1.1
Updated AT32F435_437 firmware library

V2.1.5-2022/07/22

1. ArteryTek. AT32F403A_407_DFP.2.1.1
Updated AT32F403A_407 firmware library

V2.1.4-2022/06/29

1. ArteryTek. AT32F421_DFP.2.0.7
Updated AT32F421 firmware library
2. ArteryTek. AT32F413_DFP.2.0.6
Updated AT32F413 firmware library, flash algorithm file and svd file
3. ArteryTek. AT32F415_DFP.2.0.6
Updated AT32F415 firmware library
4. ArteryTek. AT32F425_DFP.2.0.4
Updated AT32F425 firmware library
5. ArteryTek. AT32F403_DFP.2.0.3
Updated AT32F403 firmware library and flash algorithm file
6. ArteryTek. AT32WB415_DFP.2.0.2
Updated AT32WB415 firmware library
7. ArteryTek. AT32F403A_407_DFP.2.1.0
Updated AT32F403A_407 firmware library and flash algorithm file
8. ArteryTek. AT32F435_437_DFP.2.1.0
Updated AT32F435_437 firmware library and flash algorithm file

V2.1.3-2022/05/20

1. ArteryTek. AT32F421_DFP.2.0.6
Updated AT32F421 firmware library
2. ArteryTek. AT32F413_DFP.2.0.5
Updated AT32F413 firmware library

3. ArteryTek. AT32F415_DFP.2.0.5
Updated AT32F415 firmware library
4. ArteryTek. AT32F425_DFP.2.0.3
Updated AT32F425 firmware library
5. ArteryTek. AT32F403_DFP.2.0.2
Updated AT32F403 firmware library and svd file
6. ArteryTek. AT32WB415_DFP.2.0.1
Updated AT32WB415 firmware library and svd file

V2.1.2-2022/04/26

1. ArteryTek. AT32F403A_407_DFP.2.0.9
Updated AT32F403A_407 firmware library
2. ArteryTek. AT32F435_437_DFP.2.0.9
Updated AT32F435_437 firmware library

V2.1.1-2022/04/02

1. ArteryTek. AT32F403A_407_DFP.2.0.8
Updated AT32F403A_407 firmware library
2. ArteryTek. AT32F435_437_DFP.2.0.8
Updated AT32F435_437 firmware library
3. ArteryTek. AT32F421_DFP.2.0.5
Updated AT32F421 firmware library
4. ArteryTek. AT32F413_DFP.2.0.4
Updated AT32F413 firmware library
5. ArteryTek. AT32F415_DFP.2.0.4
Updated AT32F415 firmware library
6. ArteryTek. AT32F425_DFP.2.0.2
Updated AT32F425 firmware library
7. ArteryTek. AT32F403_DFP.2.0.1
Updated AT32F403 firmware library
8. ArteryTek. AT32WB415_DFP.2.0.0
Updated AT32WB415 firmware library

V2.1.0-2022/03/11

1. ArteryTek.AT32F435_437_DFP.2.0.4
Updated AT32F403A_407 firmware library

V2.0.9-2022/02/11

1. ArteryTek.AT32F403A_407_DFP.2.0.7
Updated AT32F403A_407 firmware library and svd file
2. ArteryTek.AT32F435_437_DFP.2.0.6
Updated AT32F435_437 firmware library and svd file

3. ArteryTek.AT32F421_DFP.2.0.4
Updated AT32F421 firmware library
4. ArteryTek.AT32F413_DFP.2.0.3
Updated AT32F413 firmware library and svd file
5. ArteryTek.AT32F415_DFP.2.0.3
Updated AT32F415 firmware library and svd file
6. ArteryTek.AT32F425_DFP.2.0.1
Updated AT32F425 firmware library and svd file, revised sram size
7. ArteryTek.AT32F403_DFP.2.0.0
Added AT32F403 pack
8. ArteryTek.AT32WB415_DFP.2.0.0
Added AT32WB415 pack

V2.0.8-2021/12/31

1. ArteryTek.AT32F403A_407_DFP.2.0.6
Updated AT32F403A_407 firmware library and svd file
2. ArteryTek.AT32F435_437_DFP.2.0.5
Updated AT32F435_437 firmware library and svd file
3. ArteryTek.AT32F421_DFP.2.0.3
Updated AT32F421 firmware library
4. ArteryTek.AT32F413_DFP.2.0.2
Updated AT32F413 firmware library
5. ArteryTek.AT32F415_DFP.2.0.2
Updated AT32F415 firmware library
6. ArteryTek.AT32F425_DFP.2.0.0
Added AT32F425 pack

V2.0.7-2021/12/17

1. ArteryTek.AT32F403A_407_DFP.2.0.5
Updated AT32F403A_407 firmware library and svd file
2. ArteryTek.AT32F435_437_DFP.2.0.4
Updated AT32F435_437 firmware library and svd file
3. ArteryTek.AT32F421_DFP.2.0.2
Updated AT32F421 firmware library and svd file
4. ArteryTek.AT32F413_DFP.2.0.1
Updated AT32F413 firmware library
5. ArteryTek.AT32F415_DFP.2.0.1
Updated AT32F415 firmware library

V2.0.6-2021/11/26

1. ArteryTek.AT32F403A_407_DFP.2.0.4
Updated AT32F403A_407 firmware library
2. ArteryTek.AT32F435_437_DFP.2.0.3
Updated AT32F435_437 firmware library
3. ArteryTek.AT32F421_DFP.2.0.1
Added the newest edition of AT32F421 pack
4. ArteryTek.AT32F413_DFP.2.0.0
Added the newest edition of AT32F413 pack
5. ArteryTek.AT32F415_DFP.2.0.0
Added the newest edition of AT32F415 pack

V2.0.5-2021/11/15

1. ArteryTek.AT32F403A_407_DFP.2.0.3
Updated AT32F403A_407 firmware library and svd file
2. ArteryTek.AT32F435_437_DFP.2.0.2
Updated AT32F435_437 firmware library and svd file
3. ArteryTek.AT32F421_DFP.2.0.0
Added the newest edition of AT32F421 pack

V2.0.4-2021/10/27

1. ArteryTek.AT32F403A_407_DFP.2.0.2
Updated AT32F403A_407 firmware library

V2.0.3-2021/10/26

1. ArteryTek.AT32F435_437_DFP.2.0.1
Updated AT32F435_437 svd file
Updated AT32F435_437 firmware library

V2.0.2-2021/10/21

1. ArteryTek.AT32F403A_407_DFP.2.0.1
Updated AT32F403A_407 svd file
Updated AT32F403A_407 firmware library

V2.0.1-2021/09/30

1. ArteryTek.AT32F435_437_DFP.2.0.0
Added the newest edition of AT32F435_437 pack

V2.0.0-2021/07/01

1. ArteryTek.AT32F403A_407_DFP.2.0.0
Added the newest edition of AT32F403A_407 pack