

# RUTX Firmware checksum list



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## Summary

A **checksum** is a sequence of hexadecimal symbols generated after running an algorithm called a cryptographic hash function on a file. Calculating a checksum and comparing it with the one provided by the file source can be used as a file authenticity check method.

For example, if you download a file like a firmware image, you should be able to calculate that file's checksum and, if the file is authentic, the checksum should match the one provided by the file's source. If the checksums don't match, it means the file's contents were tampered with, for example, by a malicious third party attacker. This file is probably dangerous and shouldn't be trusted.

## Checksum list

Firmware file checksums are listed by firmware release date, from newest to oldest (top to bottom).

FW version	MD5 checksum	SHA256 checksum
<b>RUTX_R_00.07.07.3</b>	<b>2a178d88cd1ba39057912292dfe714e1</b>	<b>ae5e865b009c2c8d10b683e7907014247c10ca41cedfe74f395bb397f582c58f</b>
RUTX_R_00.07.07.2	02f69a5ca1254bcb4838f7e34cd8d810	5f6aaf7c5b196f84d26e6040e3052998b83fe97b1abcaa5b4709f72e97caaa4b
RUTX_R_00.07.07.1	8e428314520a8afc6206aad40a81cd63	284e15f2a5bfd71e6c5c6388e97db16fbaf7fac0aa4a2cfc3280ce7f7eb36728
RUTX_R_00.07.06.10	6ade4748118720d9f8c72524498acf69	7e9a82723e384b5f8f385a2acda2ef3bb031b979840741e9b6e8c879398dda5a
RUTX_R_00.07.06.8	82faca5855d0229a1173f5a8409a248a	38d5bf4bb1592828c610773aaade9c1619e0ce7d316532e0a48f1348e9def0502
RUTX_R_00.07.06.6	83c01f410d4c3060dd25f17128e4e000	827c78cdb5df433c7f19d76f7d2936693d0e20d8763077958e9dc8a21d5a3bfc
RUTX_R_00.07.06.5	164db26a0e142e7c4ce5c8cf55b4b8ee	66c133cdbb07f62fc3d45fd5aea8984dd157efbe09eb063e3a659ccb6e1562a8
RUTX_R_00.07.06.3	66cf34dfd6dd15187d9960bb62080f1	149c63d1130aeed19b58cb43cf7ee050db4b16985cc170c57e85dd8c19366d8
RUTX_R_00.07.06.1	9281560d4a2bb9f0166c9420a2ae496	03641567f495198f640ce69f0d457bb81a090c2d6e5d50ad86908bf581b85f8d
RUTX_R_00.07.06	e61775b7405f72b43b1ed36cfdcfdc26	14c66353e600f8e0256b0ee9cc2ed57f5db9c1bff5f524c08b4913e5a3bc1537
RUTX_R_00.07.05.4	cef6d2843aeb024c25b85e2825114936	8eacd4815d95406136f120bd1db0642475899e9341be3dddf0858a1f395b5ea10
RUTX_R_00.07.05.3	8dca4917af4599b8e311ac576213c658	ad67f42efc9a972bc9f60a54880d761e5b4a655aa463b55402a4b635aedbfd52
RUTX_R_00.07.05	4037aa4f62af6d5fa99ecb2656f583f9	08e04dff1f4d3ab2e3018a1d88aff17125ec4cf5ccf3b813137a9d3a504fb4af
RUTX_R_00.07.04.5	62a4964e9a74eed6f068d1142824361f	1be7f7bf60bf2a1223f2fa0057b9196949415db4fc7ab2904e0250b40d1da9d1
RUTX_R_00.07.04.4	e5340026dbc6c61a182808ab64c5cdf9	dc0b77db5e611d8393ba37d3299c98c15227bb4cd17392d20414ef4e0dfd5700
RUTX_R_00.07.04.3	6fa297b7c444ad954685f44a8604ead4	76c18398ad6c601c74ff001a3697ead2c20058ddc09325b983104b95c9f474abf
RUTX_R_00.07.04.2	c43b3d1548a95d2ba832fa47228e7c8a	54882bef53ef18b0cb5bb5e4baecca62cd980100dac93d7064241d130108dc86
RUTX_R_00.07.04.1	967b54b584b35cd6eeba44d5cc6022f6	e0803aa221d9683756d092a9297aea00834f6aa470cb64158277503b976dcf6b
RUTX_R_00.07.04	9d69f40dc820d5a60180a8a6495a3316	6f6623c9177ca6993559a9b2b41cf74ee246b9aa9a7afc7e0a87874f52f78993
RUTX_R_00.07.03.4	29a2ac82a6d7336ef79cdd431871a1c4	75ba847509751883a22c8c257ecaec79e5c4fa4902a72849fb9fc177f3a0691f
RUTX_R_00.07.03.3	09a8fa8c51581a007111f2dfefba0b47	0639017f3912717381fd5265945ffbf8e3335f455554696b30675008f4234734
RUTX_R_00.07.03.2	aba97565e21f1e7fbaaca021f9d7c3f6	917ff372cacfa9d0c61a67b13ded8f7a896405b45eac75b546be65d46988fab3
RUTX_R_00.07.03.1	f6219206eb171dc7a88759aa7fa13141	1cad7ae3263a32dbdaf4fd7a8b9e02d6b25a607cbeaccf7d04337c36029eabdc
RUTX_R_00.07.03	f6550c87d4085b1f103856b35e6bb33d	512b261a88008af80f58bca3ec0271070f87c7935f3c242e538c0a89725850e9
RUTX_R_00.07.02.8	13aeff8ef12932814838bd504d47e2cd	b4e2f1804a318381794b7c8b8ec8c5c2bda331d0590249510bf817e52be797ae
RUTX_R_00.07.02.7	aea897b9a7f49b2fc0d8e237873a6247	d3326dc8a59a0fbf9860cf50f83925849f5587e04bdf3a794968d7bc992e60d7
RUTX_R_00.07.02.6	e23c03ab69a9510c59cf9a3ac22e149	1f6d6ac57351a71ef55a5257270fe543bf8ea23b01686ecae7ee51b5c4fa9ebb
RUTX_R_00.07.02.5	589f2f3a344743c1cd438815096af1bb	1f9e40137f142fb49f20b2404284d09ceef2e0611d49a012dceca769c758b53
RUTX_R_00.07.02.4	c91fc9cee9c0f91f067370f7a369b54	bcc49bdd1dd04340ed22e54805669764a8f907a808c37702859cda6d78d04ae
RUTX_R_00.07.02.2	c017113f3a5a7679d736bc2777153cd0	e0c8ef995f7110534038ae95a101e27d6ebff63968d26ba3f7083cb4120872da
RUTX_R_00.07.02.1	bb9b9d052f147f2d98b17e8ead273933	5b9f6d737a652f912fa379e83cb0be6ce16691a9d38db9c8e9e17038d5918c24
RUTX_R_00.07.02	c8b63e143a28a2b633039c007fc379c5	193ae47a5849ad7c05b658bf32c929bde21bd3f3395bd36eb243dea3e54ce83c

RUTX_R_00.07.01.4	b38a975adf42d1c25f1ad6467d893434	094163a2bab17728aa8aad40570d1fc63e1d0558fb559e44dd665552a831621d
RUTX_R_00.07.01.2	180d7c0557bf9e7d53ef3cd9c33616a1	d3c6498a56428593f18cbf3e430ebb149406b8dd22199bd92996f8ece5f7879a
RUTX_R_00.07.01	6b1991a1bed2713d01fd6f81a7490245	3cecc4093b24cc0efb87ce463af72d5b38d0b5406e0950e9475627e19286a492
RUTX_R_00.07.00	57aef24b60a5718ca2d9657d05249c71	68cf3cea941abe44b190ed42770e31406b92dbcb85421fa5da0151b8d2bb2d08
RUTX_R_00.02.06.1	e3da056d210be7cef5dc57567259bc6d	b84d98992657c99dc330bfedf654e4bddd5b372949b2aa30530a6a1f6faa3c32
RUTX_R_00.02.06	11941c400f049f2a925c4491bbd19c68	5977afc287be05324c56fd1186d0e8f327861d0f042ff6fce610eacc8dcf5638
RUTX_R_00.02.05.2	a5a26d79a4428c5b5634dbc0099d447a	9cc31515f07aab39fd240306ebe2828031a86e725682bf5ca3c2eb1dc06f18d8
RUTX_R_00.02.05.1	c45f78819cca91f9c3d4fcc25a39f327	3a88454d40566f9b3e45a6fcd8d00464552cf838a2a25578c4de85a182a8a539
RUTX_R_00.02.04.3	c9118cd432d5fddeaaa52b544ac099af	8c841ef40710492581175c1e4f9ed2639f6894a5d014237123a90e50f37a468b
RUTX_R_00.02.04.1	1639050586d6873d248c1c7d31ec66a0	9ebfa4d2fa21b592634f4ca4b4a850c46c3f65da93dd3c3b6df7eee5acd0ff0b
RUTX_R_00.02.03.4	6f3444333dd2dacdcc8db47f577f97bb	6862efdb0535e1a150b63bee9f807a447ff89c3814ffe444208ca4c1f940a005
RUTX_R_00.02.03.1	2186e6b823d68f3037d8cd17f4220ad8	537969eef0917e6157c7876f7428c67c587fafb89ff2a7c66c52cc9d5c872fcf
RUTX_R_00.02.01.1	1ee3e5c3eeba30f0de516bc69d237b8d	7d02014d67655113368b73db849b568bcddd539fd69ef9e5c9dac0a1d756a8af
RUTX_R_00.02.00.2	e8cc6da35ad7b8c24b70e08aa1dba425	4181daa4c25fa137c71e9d83add679790f039f7b34b1ad3d4212607390e4811f
RUTX_R_00.02.00.1	5b9433e22fd1b5647890d98238ae8381	1598ebda597410b444ae6145022c4bf56899c0349d1fb16349872e112e5d44d
RUTX_R_00.02.00	eee8bcb405f9ee50b3fd6a25e7a8cfb6	be104038a8ae698d5d1204699a805fcd499f0201fe90540bdc7b23b937797dd9
RUTX_R_00.01.06	086c7ea926d76c1e830aa3a6f01dae68	a1d989cb6504bf5712b7846817f832805845b669f75aece084f931365bc9f3a
RUTX_R_00.01.04.5	30c4653207425a4836590c3cfac66dfa	4f971276ea903a5017ed48f566f97116d15fd8446f6a5394a93df505b3889036
RUTX_R_00.01.04.1	f970ebf501444f387d6be5bb8d868345	e88952b1e510b104e6dac755dcc57987dbbcb20e984cb95834aee3aabb35117c
RUTX_R_00.01.03	f77b59f377e5a166733b4b3a95a1f2e	402fe342fe1e098007072afafbfa11e0372813f22a35925238a11df201156260
RUTX_R_00.01.02	3c29f6d0cf00da48808f8abf035150b1	c54d26afd083e4b5e07c4d282715f3e6ff7c54b4552d24e217203fe63300653c
RUTX_R_00.01.01	3cbb32335b60c36aed7cd1dfef983a45	5b9b414977995a3a9f5b12ae2451da09434e248af3be52919ffa12ec2e8f87dc