PaperKey Backup of GPG Key 0x9D3522052CC8DFAB

This is a backup of the subkey 0x9D3522052CC8DFAB, useful for encryption. These are made using the paperkey utility, both in human-readable text, as well as a QR code. This subkey is a part of key 0x505046B10F254146, which was exported separately.

These formats do not contain the public key information, which will have to be obtained from a public key server when recombining using paperkey.

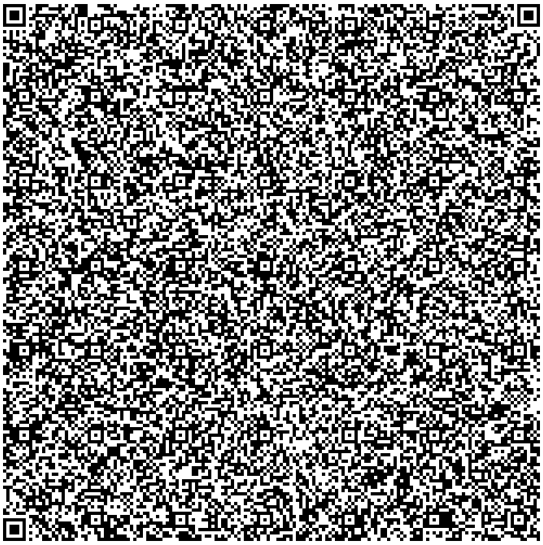
Fingerprint

This key can be looked up using the 40-digit fingerprint of 0xE15DA5E3414D83D6CDDAA578505046B10F254146, or with this QR code:

QR Codes

Below is the QR code backup. It contains the same hex as a human-readable paperkey, but without hex or formatting. They can be read back in using:

```
$ cat read-from-qr.txt | xxd -r -p |
paperkey --pubring ~/.gnupg/pubring.gpg -o recover.gpg
```



Paperkey

```
# Secret portions of key E15DA5E3414D83D6CDDAA578505046B10F254146
# Base16 data extracted Wed Feb  7 00:42:50 2018
# Created with paperkey 1.3 by David Shaw
#
# File format:
# a) 1 octet:  Version of the paperkey format (currently 0).
# b) 1 octet:  OpenPGP key or subkey version (currently 4)
# c) n octets: Key fingerprint (20 octets for a version 4 key or subkey)
# d) 2 octets: 16-bit big endian length of the following secret data
# e) n octets: Secret data: a partial OpenPGP secret key or subkey packet as
#              specified in RFC 4880, starting with the string-to-key usage
#              octet and continuing until the end of the packet.
# Repeat fields b through e as needed to cover all subkeys.
#
# To recover a secret key without using the paperkey program, use the
# key fingerprint to match an existing public key packet with the
# corresponding secret data from the paper key.  Next, append this secret
# data to the public key packet.  Finally, switch the public key packet tag
# from 6 to 5 (14 to 7 for subkeys).  This will recreate the original secret
# key or secret subkey packet.  Repeat as needed for all public key or subkey
# packets in the public key.  All other packets (user IDs, signatures, etc.)
# may simply be copied from the public key.
#
# Each base16 line ends with a CRC-24 of that line.
# The entire block of data ends with a CRC-24 of the entire block of data.

  1: 00 04 E1 5D A5 E3 41 4D 83 D6 CD DA A5 78 50 50 46 B1 0F 25 41 46 836513
  2: 00 08 FF 00 65 00 47 4E 55 01 04 63 77 9B DF BC 8B 73 F8 E8 20 54 5C23F8
  3: EA 9D 35 22 05 2C C8 DF AB 05 39 FE 07 03 02 AC 35 C9 C2 83 B2 E0 A55044
  4: B0 EE 89 D6 3E 73 55 3B 98 62 AD 50 59 A2 12 1C 91 74 01 90 74 44 61933A
  5: 71 EA 94 38 39 82 92 D6 D9 E7 E4 32 2E 5A F7 B9 27 D4 25 DB 59 73 D0235D
  6: 65 63 B6 24 7B F3 26 3A 14 EF 5B 97 A1 16 03 5C 00 96 08 DC 7E E7 B861AC
  7: D2 CA 7C 75 24 28 B5 4C C0 7D D0 5F 74 E5 04 67 BF 60 19 BC C1 75 93E298
  8: B1 F5 14 6F 65 0C 02 50 91 F7 1D D1 7D DB DE C9 FD A2 58 71 54 14 8DDDA8
  9: AB 14 BE C0 23 91 B1 1E 30 37 83 33 5E 09 82 D9 58 F8 5D 8E 71 80 A63692
 10: 06 37 E0 F3 54 12 62 4D 82 DB F0 31 A9 3F 3F 95 86 17 5C 8C D4 6B 9925BF
 11: 3E F1 26 CE 84 D4 82 25 4F 0A 74 CC F5 CA 70 67 7B DB B7 26 AE 08 EF620E
 12: 21 61 96 8F AF 5C EB 57 35 86 55 A2 58 97 1C B3 BE 50 2D AD 6D D3 CDB371
 13: F7 EA 97 73 01 6A 55 4F 26 14 D8 51 17 01 BC B7 1D CF F1 9F 55 77 512D3C
 14: C9 BB 6F 55 3F F4 0C 92 B8 59 18 B1 D4 10 53 D8 36 E3 FA 20 EB 0C 4BE1EC
 15: 83 D4 E6 42 13 3A 36 08 C1 0E C0 14 ED 4F 2A 27 45 63 82 C6 49 B0 208E03
 16: DC 5A 3C 3C A9 4E 7A 57 6F F7 5F 9D 62 DB 0B 08 F8 1D 85 45 B1 7B 3D188D
 17: 29 2F E4 F6 C6 7A D8 93 1F 99 77 6B 40 35 35 4E 66 82 7F D8 4E 83 3D2752
 18: 9D C0 F3 EC AE A5 28 B7 35 B4 76 A8 5C D6 D7 45 2C 15 A2 96 2F 66 4138BE
 19: F5 C8 85 86 E5 E5 EC 91 10 A1 7A 43 3D 63 AF E3 05 01 AC F7 2A CD 635B22
 20: 2F 3D BD 9B F1 1D 7D BC 78 24 8D 90 4F 56 51 06 96 7A 16 61 89 87 84C3E0
 21: 5A EC CF 83 20 29 14 D7 AD FB D1 D8 76 D7 00 73 EA A3 F7 50 26 E6 88D100
 22: EC 3B A6 E9 9E 6D CF 6C D8 D7 19 14 3C FF E0 20 19 B3 85 4F 6A D9 482BF4
 23: 70 84 33 C2 20 10 DD 99 E2 40 66 4F 92 50 2B 86 EF 58 A6 51 FA 66 C4C451
 24: CA 54 F0 DC CB 75 16 BF D7 CD 8F 0C 2A C2 18 C0 12 81 84 B9 DF D9 BBFECF
 25: 20 2B 71 33 C7 1F 6C FD 27 01 8D F1 57 B5 6C F7 EA 34 66 CA 5E AE 1CD337
 26: B0 E9 52 85 03 5C FE C6 B2 44 DF 2F 04 9A 98 15 46 F8 56 0F CB CF 3A96C8
 27: AC 34 13 DE 0A B2 5B 71 D6 76 B5 53 28 BE 28 4A 78 F4 22 23 A5 4F 62C16A
 28: 9F F2 97 75 57 38 C2 C6 B1 CC E7 B4 68 1D B4 F7 9D 43 45 86 E0 AD 83B72A
 29: 51 BC 3D E5 2C 8B EF D8 0C B0 C2 D1 FE 00 3A 7D 34 96 3D 3D 40 B9 2E37D6
 30: ED C2 C8 67 7F 1E 43 54 C5 F4 A5 B1 13 22 1F C9 A7 00 EA 1D 55 9A A9E52E
 31: 76 90 15 14 3D CE 88 8B 90 0F 41 08 BA 2E AC 83 F2 0D 09 29 58 3E 79998C
 32: AF CC 71 FF 2A 64 BF 3A B2 B5 A1 AF 13 F2 AA 70 B6 D4 95 8F 5F 1D EABE32
 33: 65 8F 61 B6 16 B5 ED E6 34 9A D0 82 60 8C 78 B1 C9 D5 9C D4 43 7B 1A80FB
 34: 29 03 35 D8 54 77 28 57 64 AA CB 77 E1 8C BC F8 23 4D 2C C5 FA 51 CC8F24
 35: 1F 37 29 83 20 F5 02 F0 33 09 BC 49 1A B4 B7 74 8E D7 70 3F 41 42 635864
 36: 4C B1 22 8E E6 28 6E 61 D9 BE 4A BA 2B 25 FD 0B 7C 33 2A C5 1D AD 0AAD2B
 37: 2E 30 06 E0 AD 89 84 21 8E D9 6F 87 87 24 9C 10 D1 0F AC 4B E5 CA 84F8B0
 38: 2D 49 42 01 9A 0D 86 92 12 64 E7 48 7F 91 BC D1 05 11 ED BC F5 78 299F86
 39: 9E 4C F6 28 AA 2C B3 8C DF 04 F7 59 5C DE D9 99 3D A6 C0 CB C5 63 FD52BA
 40: A7 FE 54 C1 FE B1 9F 15 07 0D 8A 13 85 71 4A 69 3B 6D 23 73 10 E6 2C9F0E
 41: 58 77 05 C9 52 53 0F A5 08 6E 0C D6 06 E0 2D C4 63 6B F3 D1 46 CC 1B4312
 42: 55 71 FB ED BD 86 11 F0 AD FF ED B9 81 30 4A 46 B2 6D 8F D3 58 6B 3F68A6
 43: 88 7F 1D 25 31 DE 6F 5C BC 69 92 1E 4D E9 03 57 E6 3C 86 ED E8 28 C5AF8F
 44: 49 58 CA 7B 60 0B C0 72 36 FD C8 5D 16 B7 27 B7 6A BA 92 1D C2 C1 A54716
 45: 45 0C 0C 4A 0A D8 EC 24 F5 64 75 2E 1C 7F 67 97 74 4E 56 9C 2D E5 7B487E
 46: D4 00 E9 02 E7 7F 99 D0 6D 14 E5 3B D8 17 CB 96 07 C2 42 A4 42 96 205C48
 47: 72 0D DC 96 A6 6E A2 36 8C C6 5F EC AA A4 A3 15 55 EE 25 70 00 23 C4AE37
 48: D1 23 B2 65 1B F5 D8 9B 72 1A 01 DB 46 0E A2 8D 8B D6 A2 32 81 AE 6F4A9A
 49: 1C EA 12 25 98 C1 04 2B E3 AE 46 4E 5D 97 88 DE 60 83 7A 6B F7 20 B1F852
 50: 18 07 02 7C 8A C6 9A B8 86 41 CD 6E 9E B6 55 A1 DD D5 87 77 FC 6C ABE379
 51: A7 55 36 67 95 78 E8 07 0E 25 9C 26 5E 8E DB 28 20 D6 AC C9 12 45 267DDA
 52: D4 F5 9F 5F 14 C6 20 F6 DF F6 D4 D5 58 7C AD 56 78 8F 76 33 7D 6F 63B6F7
 53: BC B1 E6 DE 1F 9D BE F4 4C 12 FC B5 F6 02 C7 64 A0 D4 5B 12 80 6C CF4F2C
 54: 83 EE B1 59 6C 0B 2E 10 DB 1A 10 7D B6 93 64 EB 7C 51 BA A9 60 B9 B3116A
 55: E5 88 50 28 DA F7 14 AA CB 79 44 79 37 76 D1 7B 06 88 0C C6 06 1F 2CA731
 56: 20 75 93 D9 CD DF 5D DC 47 45 D0 66 8D E1 FC 6B 89 7F 33 5F E6 4C B48778
 57: FB 6B C1 49 00 37 54 33 B8 4B 90 F7 DA DF 4C 79 FE E8 A1 41 D9 DE 0C61C2
 58: E9 79 8A 21 A5 08 00 AC 5D FF 87 87 7F A0 4C 3B EE 4B 30 33 1E D7 1A1EC8
 59: 15 84 94 1D 34 DC 13 95 DA C7 71 62 5C A5 63 FA 50 58 BB A4 E9 F5 13BDC6
 60: 67 63 3D 28 86 B4 C1 60 07 44 6D 81 46 7A B7 9F 32 80 26 E7 E9 38 E12BF8
 61: 91 44 3C B4 58 FF 6A 6B 90 E3 51 97 DF C6 22 85 77 84 45 85 5E F2 5F53FA
 62: BD 55 4B 4E 74 3C 16 F0 AE 3C DA 75 4C 85 F9 45 11 85 E0 10 87 00 6EF562
 63: F3 6B 1D 13 EE 18 17 F6 A3 88 DE 65 36 AA 7B 09 E0 FF 45 30 4D 53 7B9775
 64: F3 88 FB 6F 9F BA 23B02B
 65: CB98F3
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