

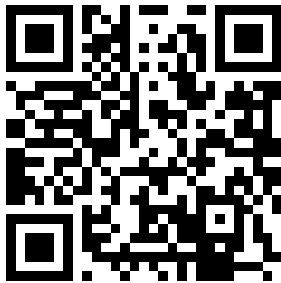
PaperKey Backup of GPG Key 0x3EA6EA6016656732

This is a backup of the subkey 0x3EA6EA6016656732, useful for authorization. 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

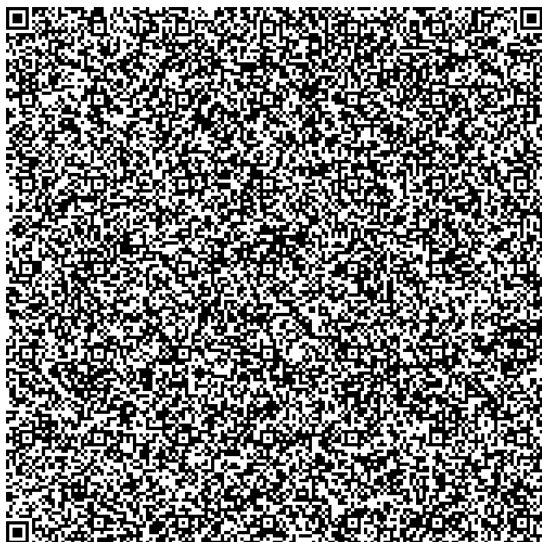
This key can be looked up using the 40-digit fingerprint of 0xE15DA5E3414D83D6CDDAA578505046B10F254146, or with this QR code:



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 00:42:49 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 06 24 7C 46 CA C4 E7 5A D1 1E 7E 0D023F  
3: 16 3E A6 EA 60 16 65 67 32 05 39 FE 07 03 02 36 79 17 F0 4E B9 FE 94CBF9  
4: B7 EE FA 75 5B 68 48 DF E2 36 39 39 9D C4 6E 51 D2 5A C9 78 30 FE 09A5E7  
5: DA 44 8B 2D 0D DF F2 07 6A 93 59 F7 C7 8B A2 1C F1 7D 1A 1F 31 27 842449  
6: 4E 13 CA 6E 00 F2 51 3E 35 E5 EE CE DA 7A C5 5D 1F F9 C8 B9 08 FA 5FF76B  
7: 3C 8D 45 5B A9 6C 9C DD 18 8C F8 C1 1A 91 F9 2B 16 A4 B0 DB 0B AB 759279  
8: 94 AB 43 E7 11 B1 BF E6 46 31 D9 7C 1A 4C AA 83 C0 16 45 67 CD 0F A2441C  
9: 66 6A 89 36 FB C0 9C 6D 55 7B 9D EB 94 D5 98 71 9A 4B 45 10 B6 58 B45DE2  
10: 9C 5F DA CD 50 58 4E 4D EB 07 19 EA EA 5F 8A D3 11 A0 0E 56 5D 00 FF5B32  
11: EC 12 21 38 60 CF 16 91 86 2B 08 D4 CB AA 68 C6 CD 98 F6 29 C8 C2 C2A84B  
12: 4E 83 00 0E 26 3A 66 9E E6 07 51 82 A8 1E FE 1A 86 05 C8 8F 4D A6 1683BB  
13: FC 80 7F C2 70 A5 9D 4C B2 5B 3C DB 18 F6 D1 05 7A 4E 71 07 61 B4 003EB5  
14: 38 B2 A8 FB 3A 17 6A 21 3B 60 66 C1 94 CF 52 4E 3C A9 42 56 49 F3 9628F5  
15: 80 3C 2A 7A 91 E0 C6 42 CF 54 CF 76 F1 62 47 8A 86 39 77 2F 11 26 6526D1  
16: EC C3 9A AE 2B 85 F2 71 21 49 05 83 95 DA 98 45 D2 48 27 45 52 5F 789CAF  
17: DF A3 B8 39 44 B8 80 C7 44 77 1C 27 FF 04 58 45 BE B0 1F 19 9F 12 325D59  
18: 11 EE 6A A5 03 FA 1C 6B 10 E7 7D F9 B5 3C 8B F3 39 85 A2 6E 68 A1 20A651  
19: 30 11 42 10 B3 60 6D 54 12 63 70 D8 0E 70 02 60 90 21 FE 0A A5 A3 993F7E  
20: F8 29 CF 17 12 A2 D0 99 94 4F 15 18 F6 87 0D DA 23 B3 05 82 8B 65 20E4FB  
21: 41 F4 F7 D8 C9 63 46 24 66 60 CB B9 7E A4 4A 33 02 1E D0 80 93 C 9E1EC6  
22: FE 05 89 68 F6 63 6E 42 40 BC 71 E7 B6 03 74 A4 13 90 DA 3F F0 E5 84D051  
23: F7 95 96 E1 A1 4A 30 8C 09 C8 E6 8C F7 3C 59 86 F0 B0 05 78 FA 89 9FA248  
24: 05 E8 61 E7 57 16 36 7C CB 9F C6 6A 4E F6 B3 B4 65 A2 4D 08 58 8F1BE2  
25: F7 C5 05 60 05 DF F3 73 C8 11 F2 96 56 06 3E FA A1 A8 CF D2 03 7D 1F8D06  
26: 32 EC 31 87 B8 43 AE 48 28 27 EB B4 EA 00 40 CF 27 CB 10 B8 2B 5C A89E08  
27: 0F C9 6C F7 47 37 66 FE 8A 16 31 92 86 B5 65 D2 42 23 7C 51 D4 89 206578  
28: 70 7E 99 BC D8 79 05 8C C6 3A 78 F5 56 8F C3 7F 13 24 53 74 2D FC 1C3BFE  
29: B7 58 7C A1 8D 9C C6 5E E8 10 FB 64 6A 11 51 08 43 E9 26 9A AA 48 F40490  
30: 06 F2 C9 96 F7 5C 64 17 0A 6F 8A 59 3A 13 3E 49 E6 85 E6 18 4D FAE7B1  
31: 3E 12 74 74 07 A7 BA 45 C0 52 22 D4 9A F5 42 05 E3 08 16 E9 16 3D 03082D  
32: A3 81 C4 E5 8F DB 0C 6C 16 0E 67 3F B9 B8 91 C3 33 51 5E 56 D8 C9 04E157  
33: 84 11 2B 86 4F 0E 99 0E AC 9A 79 B8 04 18 D6 43 D5 26 6E 84 7B 28 456E43  
34: D0 B2 33 A1 D6 83 FC 9F AC A5 69 0E 7C 6F 12 E7 95 CC FF D2 F4 C9 033580  
35: F0 35 3C 45 BC 96 01 ED 2E 9F A3 FA 94 ED 9D F0 2E C7 02 00 72 AB B865C3  
36: A7 77 7E 01 92 ED DA 88 29 D2 2C B3 34 E1 7A FC 2A 3A E6 76 68 E7 5391C7  
37: 96 2C DF 73 AC F4 33 FE D2 84 FA B7 92 26 27 FB E6 74 F1 9B C3 EE 5DE1D2  
38: 54 49 6E D7 C8 32 DC 86 4E 42 29 7F 82 2C 72 73 E0 AA 84 DC F5 293619  
39: 54 A6 8A AF E9 A9 3F 68 CD D6 CF 9C A3 72 BC DE 08 04 14 17 EE 4A EAFB18  
40: 43 95 08 4F E4 DF 9D A0 7E DC E9 95 DB CD F8 1A DF 14 7B D1 FE 05 2486C3  
41: B9 17 EB 8D F7 BE 42 5A 86 33 42 19 EE A8 74 06 DD 7D C9 98 03 1F 830314  
42: B0 47 84 23 B2 B7 5F DE C6 BA 00 9B 67 4F 45 8E 61 E4 E8 E0 8E 36 7EA876  
43: FD EA B6 9F 7A 38 19 16 6F 70 01 9E 3D C0 62 CD F0 98 84 2C E4 C9 1E D385CD  
44: 95 A3 8F D0 B7 9D 9D A7 6D 04 C2 4A 48 7B 99 80 D4 E0 79 CD 1C 01D808  
45: 15 59 21 CB 16 18 39 98 DE 4C 66 EE D4 51 FE 46 7D 48 88 F7 14 C3 AC1864  
46: 7A 00 8A 88 91 02 32 B9 BF 04 08 3D CA EA BF 3E 95 66 88 5F 61 0E A3D590  
47: 05 AC 38 43 D2 F3 B8 35 31 7A F5 52 FD C3 44 DA 25 8F 55 66 7B 85 8AF6FE  
48: 45 90 4E 31 44 B2 9F 08 45 7A E3 26 BA 9A 23 E9 CD 2D FF 8E 4E 1D 35D969  
49: 20 BE C7 29 3A 42 E8 73 77 7D C3 52 E6 5D F7 E1 90 55 18 17 EF A2 026218  
50: 06 4C 28 49 C7 06 54 1C 01 B2 D9 DB 47 D1 0A 06 74 60 09 E1 C3 00CB79  
51: 78 36 20 23 17 EC 32 26 1E 68 13 2A 33 E0 15 B6 94 80 05 A3 30 05 965100  
52: E8 2B 79 08 3F 1E 31 A1 C9 47 46 4C 06 08 9C 51 A7 BA 8C 70 38 33 28DAF3  
53: 83 C9 FE DE 7C 28 08 35 EE A3 B8 7D FA 7F 48 8F 77 11 43 7A 4E B1 B7F189  
54: D9 B2 23 AA 77 2C 84 F6 A2 AE EF 76 02 A6 7C 11 1F 17 DA C2 B9 890865  
55: 23 BE C8 16 D9 8D 09 28 49 5F 19 55 1F 45 D9 0E 78 CC DC 05 DF 20 178811  
56: 96 75 3C 41 28 2D 4C 75 C3 CF 45 B0 8D 31 ED 32 28 3A 06 46 27 5D 864658  
57: 42 07 85 02 8E 58 5C 6A FF 00 14 B4 72 50 54 AB 78 05 C0 88 61 84 3FA007  
58: FF 28 B3 16 65 BC 2D 8A C8 B1 EA C3 97 F9 B9 49 28 F7 A5 C7 46 DA B27815  
59: 59 F9 4D F7 AF 0E 15 39 97 4A 20 A5 7F 61 6A FB AA 58 05 E0 1A A5 75B9A0  
60: F8 83 EB F2 8D 4C 4E 73 3E 16 8E 20 6C C0 CB A8 D9 70 4E B1 B8 27 1B5145  
61: C1 73 84 0C D8 2E AB 36 C2 69 C2 D7 A7 BF B4 D1 D9 ED C3 46 E5 81 10BA66  
62: 50 72 5B 3F A4 BE AC C5 BF C3 1C 18 21 59 08 FC 02 B3 91 38 F2 A3 FC8CB0  
63: BC FF 29 7A B3 DD 96 64 E3 DD 14 CE C8 A8 F5 20 1B 84 3E 64 3E 60 BCF4AD  
64: 2E 3A CA 5A 76 FE 599911  
65: 4C1CFA
```