

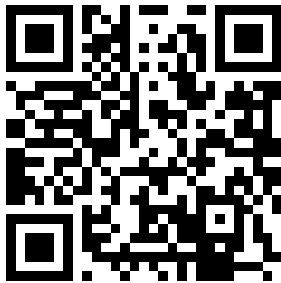
PaperKey Backup of GPG Key 0xAC2FFAAC06A43B6C

This is a backup of the subkey 0xAC2FFAAC06A43B6C, useful for signing. 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

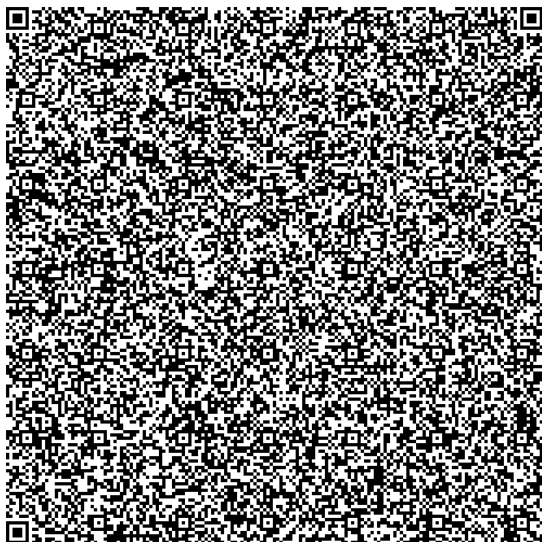
This key can be looked up using the 40-digit fingerprint of 0xE15DA5E3414D83D6CDDAA578505046B10F254146, or with this QR code:



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 00:42:52 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 C3 4B B4 28 E2 6E CC 0A 6C AB E7 4E0C46  
3: A5 AC 2F FA AC 06 A4 3B 6C 05 39 FE 07 03 02 6E A5 2F 4B 0C 71 7D D7171B  
4: 03 EE 7A A9 CE 6F 5C B3 66 24 71 BD 61 D9 3E 9B 80 4A AF 2A CD D6 5B7F7B  
5: 24 8B 84 6D 5E 70 29 5A 77 A2 BC 22 7A 86 10 B1 17 41 1B DE 5B 4E D6B371  
6: 1E 9E FE FD 2B 8F 93 19 61 68 D2 46 D3 5A F8 46 48 AC FF 48 8B 62 6DC21E  
7: A4 9D 2C FB 75 8E C7 B9 65 FE D1 8E 46 D0 A4 52 BE EE EC DE B6 C0 08BAE2  
8: 02 6D 9A 58 82 D3 37 3B EB A2 01 82 F8 D4 95 A4 79 69 A0 78 3E 95 7E74F0  
9: 9C 9B EB A4 88 6D FA BF AB 6A 17 8B F8 85 EE 19 E2 15 97 83 70 D2 01A428  
10: DE AD C6 5E E6 27 37 F9 A2 60 FC D4 51 77 D5 76 B8 CB 5F 9C 50 6F 067E9B  
11: 49 9B AB F7 A9 78 F4 B7 39 6B 8D 68 3B D6 4F 74 54 34 E0 27 1B 59 7C7672  
12: 6D 61 90 38 F1 2C 62 09 45 7F FE FE 72 74 B0 A4 CF 35 48 0D 20 2E D8DE46  
13: E2 6E 29 77 F6 0B 08 20 22 64 6D 14 DE D5 14 7D 24 77 84 3E B0 04 981D55  
14: 8D 83 6D 6A C8 03 53 A4 B6 6D A6 87 8C B8 1A 67 8A D2 55 F7 FD AD C20819  
15: 46 50 EE 07 51 CE 10 12 DA A0 10 B4 2B C9 D8 AE 01 59 AC BC ED DB D8D3F4  
16: 35 EC D1 B6 D8 86 7F 66 03 8E 60 A7 E5 88 E4 61 6A D6 FB AA 7B 30 C79F5A  
17: 70 83 B3 21 B9 99 90 47 27 95 8C 13 E8 EC 79 9C DE 91 61 03 10 65 B90AED  
18: 05 52 10 CA 2E 19 CF 4F E0 A1 8D 83 58 97 89 2D E7 0A EA DF 5D 077FFCA  
19: D0 77 26 25 2C EE 6C 50 82 5D 58 88 03 6C 6A 04 55 48 69 09 45 49 3F2005  
20: 28 08 2C 1F 29 95 8D AE EB F8 D2 FE 4C 33 99 4F 4A 80 42 DF 83 2F 49B0BC  
21: FE D8 89 AD 1A C7 76 E8 02 CA 0A 14 F3 E5 90 9B CF 72 99 CE F5 8F BF607E  
22: 9E C3 D1 53 8F 22 CB 88 89 5F 03 B4 30 72 FE 9C FB 65 90 6C 00 C0 5A69A9  
23: 54 C4 7B 31 59 A5 65 8C A1 77 EF 68 05 B4 6D EC 63 38 10 64 65 FF 7042C4  
24: 2D 8F AE 40 AD D1 FB 8A E7 44 F4 26 8B FB 98 23 D5 AE 0C 23 86 F3 5727FC  
25: BF B1 3E 03 12 51 82 EF 06 2D 06 A4 66 0C 7F 57 31 04 78 3D EA 2B 97480F  
26: 55 29 25 AB 86 1A 8C 4E 8C E5 E9 3D 3E A4 E0 F7 39 E5 7C CB 17 60 45DC1A  
27: E2 5E 12 27 E2 B1 8A 7C 49 DF 3A 23 28 CC 1D DB 24 0D 83 90 66 1C 5378D3  
28: 7E DF D2 EB 6C 8C BB D5 2E B8 07 4E E3 00 5A 09 4E FB 1E 5C 87 D2 8778AB  
29: 75 08 4C 7D F6 42 AF 51 6C DA 8C 48 D0 0C 30 7E EF 71 19 19 11 CC 2E7151  
30: A2 E4 4A CA 95 2A 56 53 45 21 C1 3C 63 23 D0 C4 03 06 57 BE 43 A1 8F41F4  
31: FD 10 72 4E D7 D0 50 C6 7A AE 94 9D 5C 27 58 69 D9 88 8A 46 F7 FD B8C870  
32: F1 E9 7C 61 74 1E A1 E3 4F 5F 8A 5D 7E BC D3 D6 35 9F EB E3 18 E0 012806  
33: A5 E3 15 E2 A2 44 35 52 87 3A 12 59 8B 91 66 A7 23 3E C3 45 09 36 87763F  
34: E1 D8 3B 9E 42 21 6F 47 10 68 A9 96 9A 88 5E 61 98 67 E8 70 A8 A0 6D3402  
35: FF A7 8D 0D 2A 36 7A 7E D4 80 C9 89 78 58 8A 94 A9 B8 85 C6 04 A4 51F7FC  
36: C0 C8 08 AE C4 F0 8F 28 3B 1E 32 4F 61 9D 41 A1 1F 2B 80 68 74 1C 82818F  
37: 50 43 2E 66 8D 18 E6 54 A1 83 C2 A6 2F 38 78 71 21 09 21 5E A3 70 16ED5A  
38: A6 94 A0 4D 2D EF 1C 50 FB 6F A8 61 9C 9A 57 70 D9 BA E2 A6 F2 21 04438C  
39: 5C 68 4E 95 24 39 94 73 AD 38 FA 28 EA D7 2C 6E 13 BC 79 A1 9E 72 439CDD  
40: 12 CA 08 41 B1 ED 39 25 ED 4E AF 63 50 BA E9 29 42 73 35 F0 B3 89 88C22A  
41: 7A 26 36 5D 80 88 41 69 49 C5 DC C9 29 53 7F 8F 88 26 54 87 62 41 FAS5C77  
42: 32 EA 6C 2F 89 22 0A 4A 82 A2 42 E6 FB 3F CC B5 8A 38 0A D9 86 91 30EB9D  
43: D6 C1 63 4C D3 17 36 39 06 7B E4 C4 33 07 D3 D9 10 18 D2 BE 0D C4 FB658E  
44: 93 32 97 3D B5 FD CF 23 71 2E 97 FE D5 D4 BA C1 FD 68 60 A0 E8 8E 9066DB  
45: 7F E1 20 A7 68 C8 38 19 E3 22 82 18 C0 BF E8 C1 7D 02 C3 07 D9 35 8F8EFF  
46: FA 6D 45 09 13 55 0C F0 1D 07 21 7F BF FD 13 4A D0 D6 0E 04 B6 FA 365FD6  
47: C1 67 03 C1 A2 24 F3 A0 C1 E1 82 DC 74 56 31 B5 01 1F BA 0F 05 8C 6F9042  
48: F6 42 AA D9 91 B6 3F 35 F5 D6 D8 C2 AA CE 73 A1 76 03 28 AB CD F2 594E14  
49: 93 86 7E A1 77 D4 86 C7 AA C1 44 E2 43 95 D8 A3 33 07 60 38 8E F2 69928C  
50: 4E 2C 2A 24 FA E6 82 98 83 87 D2 86 35 76 0A 89 05 97 CA 59 92 86 46E806  
51: 2F 23 50 A9 0F 18 94 76 28 75 C9 89 0B 87 86 F3 56 0C DB 68 70 09 99947F  
52: CD 59 0C 94 A5 2F 9F 44 59 98 EE 60 11 EC AD 1F 3A 2F BE 8D 03 47 7508C4  
53: E7 02 1C D4 32 DC E2 13 D2 04 35 95 CC 95 70 C9 D8 3E DF FC E8 734298  
54: 27 C8 99 D4 05 0C 44 B8 11 7B E1 B3 AA 4C 4F 48 DB 3C 6D A7 CB 50 6F8595  
55: 61 47 2E 82 05 E3 BF C0 77 8B 7A 23 7E A5 83 D6 58 4D E0 48 35 F7A53F  
56: 67 23 A1 A1 5E 3F E0 6D 34 27 44 D2 F1 D2 D5 2E 69 58 EA DE FC 41 CE2480  
57: 56 3D 18 94 01 35 89 CE B5 D4 EC D7 84 66 90 6B F5 7C 20 83 69 35 0AC2F6  
58: 30 93 7A 02 7C 65 87 FC 0C D9 7F 6C E2 83 AE 17 3B 0B FA 0C A0 E0 4333AB  
59: 26 C2 DA AC 3E 93 2B 91 6D C3 94 92 C9 F8 89 93 E0 CB D9 40 CE 00 276A0B  
60: E8 EE 91 A2 EA 4A 66 A2 25 56 89 CD CC 80 FB AB C0 2E 20 F8 77 C7 80FE69  
61: F4 97 1C 6C 88 18 47 06 FF D2 3E 6E F4 E6 F3 AD 72 75 84 B2 81 EA914C  
62: D2 EA D2 FB 13 55 00 AE 35 7E E6 09 DB BF 7D 27 B4 2E D8 42 75 CA BD1309  
63: CB 31 65 E8 7A B8 BF 60 53 D6 3A 54 13 9D B7 E7 6C F3 43 05 4E 85 7FD22A  
64: E8 15 2A F7 46 9D C2B8F6  
65: FC54E5
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