

# CCCAGG Benchmark Family Pairs Report – December 2022

Date of review: 2022-12-13

The following pairs are included in the CCCAGG Benchmark Family. This list was generated based on the December CCCAGG review.

## CCCAGG Benchmark Family

Pair Count: 685

<b>fsym</b>	<b>tsym</b>
1INCH	BTC
1INCH	ETH
1INCH	USD
1INCH	USDT
AAVE	BTC
AAVE	ETH
AAVE	USD
AAVE	USDT
ABBC	BTC
ABBC	USDT
ACH	USDT
ADA	BTC
ADA	ETH
ADA	EUR
ADA	GBP
ADA	USD
ADA	USDC
ADA	USDT
AERGO	USDT
AGLD	USDT
ALCX	USDT
ALGO	BTC
ALGO	ETH

ALGO	USD
ALGO	USDT
ALPACA	USDT
ALPHA	USDT
AMB	BTC
AMP	USDT
ANC	USDT
ANKR	BTC
ANKR	USD
ANKR	USDT
ANT	BTC
ANT	ETH
ANT	USD
ANT	USDT
APE	BTC
APE	EUR
APE	USD
APE	USDT
API3	USD
API3	USDT
APT	USD
APT	USDT
AR	BTC
AR	USDT
ARDR	BTC
ARK	BTC
ARPA	BTC
ARPA	USDT
ASTR	BTC
ASTR	USDT
ATA	USDT
ATOM	BTC
ATOM	ETH
ATOM	EUR

ATOM	GBP
ATOM	USD
ATOM	USDC
ATOM	USDT
AUCTION	USDT
AUDIO	BTC
AUDIO	USDT
AUTO	USDT
AVA	BTC
AVA	USDT
AVAX	BTC
AVAX	ETH
AVAX	EUR
AVAX	USD
AVAX	USDT
AXS	BTC
AXS	USD
AXS	USDT
BADGER	BTC
BADGER	USDT
BAKE	USDT
BAL	BTC
BAL	USD
BAL	USDT
BAND	BTC
BAND	USD
BAND	USDT
BAT	BTC
BAT	ETH
BAT	EUR
BAT	USD
BAT	USDT
BCH	BTC
BCH	EUR

BCH	JPY
BCH	USD
BCH	USDC
BCH	USDT
BEL	USDT
BICO	USDT
BIT	USDT
BLZ	USDT
BNB	BTC
BNB	BUSD
BNB	ETH
BNB	USD
BNB	USDT
BNT	BTC
BNT	USD
BNT	USDT
BOBA	USDT
BOND	USDT
BSV	BTC
BSV	KRW
BSV	USDT
BTC	AUD
BTC	BUSD
BTC	DAI
BTC	EUR
BTC	GBP
BTC	JPY
BTC	KRW
BTC	TRY
BTC	USD
BTC	USDC
BTC	USDT
BTS	USDT
BTT	USDT

BURGER	USDT
BUSD	USDT
CAKE	USDT
CEEK	USDT
CEL	USDT
CELO	BTC
CELO	USD
CELO	USDT
CELR	USDT
CFX	USDT
CHESS	USDT
CHR	BTC
CHR	USDT
CHZ	BTC
CHZ	EUR
CHZ	USD
CHZ	USDT
CKB	BTC
CKB	USDT
CLV	USDT
COMP	BTC
COMP	ETH
COMP	USD
COMP	USDT
CONT	USDT
COTI	BTC
COTI	USD
COTI	USDT
CREAM	USDT
CRO	BTC
CRO	USDT
CRV	BTC
CRV	ETH
CRV	USD

CRV	USDT
CSPR	USDT
CTSI	BTC
CTSI	USDT
CTXC	USDT
CVC	BTC
CVC	USD
CVC	USDT
CVP	USDT
CVX	USDT
DAI	USD
DAI	USDC
DAI	USDT
DAR	USDT
DASH	BTC
DASH	ETH
DASH	USD
DASH	USDT
DEGO	USDT
DENT	ETH
DENT	USDT
DGB	BTC
DGB	USD
DGB	USDT
DIA	USDT
DOCK	BTC
DOCK	USDT
DODO	USDT
DOGE	BTC
DOGE	ETH
DOGE	EUR
DOGE	USD
DOGE	USDC
DOGE	USDT

DOT	BTC
DOT	ETH
DOT	EUR
DOT	GBP
DOT	USD
DOT	USDT
DUSK	BTC
DUSK	USDT
DYDX	USD
DYDX	USDT
EGLD	BTC
EGLD	USD
EGLD	USDT
ELF	BTC
ELF	USDT
ENJ	BTC
ENJ	ETH
ENJ	USD
ENJ	USDT
ENS	BTC
ENS	USD
ENS	USDT
EOS	BTC
EOS	ETH
EOS	EUR
EOS	USD
EOS	USDC
EOS	USDT
EPX	USDT
ETC	BTC
ETC	ETH
ETC	KRW
ETC	USD
ETC	USDT

ETH	AUD
ETH	BTC
ETH	BUSD
ETH	CHF
ETH	DAI
ETH	EUR
ETH	GBP
ETH	JPY
ETH	TRY
ETH	USD
ETH	USDC
ETH	USDT
ETHW	USDT
EWT	USDT
FARM	USDT
FET	USD
FET	USDT
FIDA	USDT
FIL	BTC
FIL	ETH
FIL	USD
FIL	USDT
FIO	USDT
FIRO	USDT
FIS	USDT
FITFI	USDT
FLM	USDT
FLOW	BTC
FLOW	ETH
FLOW	USD
FLOW	USDT
FLUX	BTC
FLUX	USDT
FOR	USDT

FORTH	USD
FORTH	USDT
FRONT	BTC
FRONT	USDT
FTM	BTC
FTM	USD
FTM	USDT
FTT	BTC
FTT	USDT
FUN	USDT
FXS	USDT
GALA	EUR
GALA	USD
GALA	USDT
GAS	BTC
GAS	USDT
GHST	USDT
GLM	USDT
GLMR	BTC
GLMR	USDT
GMT	USDT
GNO	USDT
GRT	BTC
GRT	EUR
GRT	USD
GRT	USDT
GTC	USDT
HARD	USDT
HBAR	BTC
HBAR	USD
HBAR	USDT
HIGH	USDT
HIVE	BTC
HIVE	USDT

HNT	USDT
HOT	USDT
HT	BTC
HT	USDT
ICP	BTC
ICP	USD
ICP	USDT
ICX	BTC
ICX	ETH
ICX	USDT
ILV	USDT
IMX	USD
IMX	USDT
INJ	BTC
INJ	USDT
IOST	BTC
IOST	ETH
IOST	USDT
IOTX	BTC
IOTX	USDT
IRIS	USDT
JASMY	USD
JASMY	USDT
JOE	USDT
JST	BTC
JST	USDT
KAVA	BTC
KAVA	USDT
KDA	BTC
KDA	USDT
KLAY	BTC
KLAY	USDT
KNC	BTC
KNC	ETH

KNC	USD
KNC	USDT
KP3R	USDT
KSM	BTC
KSM	ETH
KSM	USD
KSM	USDT
LDO	USD
LDO	USDT
LINK	BTC
LINK	ETH
LINK	EUR
LINK	GBP
LINK	USD
LINK	USDC
LINK	USDT
LIT	USDT
LOKA	USDT
LOOKS	USDT
LOOM	BTC
LPT	BTC
LPT	USDT
LRC	BTC
LRC	ETH
LRC	USD
LRC	USDT
LSK	BTC
LSK	USDT
LTC	AUD
LTC	BTC
LTC	ETH
LTC	EUR
LTC	GBP
LTC	JPY

LTC	USD
LTC	USDC
LTC	USDT
LTO	USDT
LUNA	USDT
LUNC	USDT
MANA	BTC
MANA	ETH
MANA	USD
MANA	USDT
MASK	USDT
MATIC	BTC
MATIC	ETH
MATIC	EUR
MATIC	GBP
MATIC	USD
MATIC	USDT
MBL	USDT
MBOX	USDT
MC	USDT
MDT	USDT
MDX	USDT
MFT	BTC
MFT	USDT
MINA	BTC
MINA	USDT
MIOTA	BTC
MIOTA	ETH
MIOTA	USDT
MIR	USDT
MITH	BTC
MITH	USDT
MKR	BTC
MKR	ETH

MKR	USD
MKR	USDT
MLN	USDT
MOVR	USDT
MTL	BTC
MTL	USDT
MXC	USDT
NANO	BTC
NANO	USDT
NEAR	BTC
NEAR	ETH
NEAR	USD
NEAR	USDT
NEO	BTC
NEO	ETH
NEO	USDT
NEST	USDT
NEXO	BTC
NEXO	USDT
NFT	USDT
NKN	BTC
NKN	USDT
NMR	BTC
NMR	USDT
NULS	BTC
NULS	USDT
NWC	BTC
NWC	USDT
OCEAN	BTC
OCEAN	USD
OCEAN	USDT
OGN	BTC
OGN	USDT
OKB	USDT

OMG	BTC
OMG	ETH
OMG	EUR
OMG	USD
OMG	USDT
OMI	USDT
ONE	BTC
ONE	USDT
ONGAS	BTC
ONGAS	USDT
ONT	BTC
ONT	ETH
ONT	USDT
OP	USDC
OP	USDT
ORBS	USDT
ORN	USDT
OXT	BTC
OXT	ETH
OXT	USDT
PAXG	BTC
PAXG	USDT
PERP	USDT
PHA	USDT
PLA	USDT
PNT	USDT
POLS	BTC
POLS	USDT
POLY	USDT
POND	USDT
POWR	BTC
POWR	ETH
POWR	USDT
QI	USDT

QKC	BTC
QKC	USDT
QNT	BTC
QNT	USD
QNT	USDT
QTUM	BTC
QTUM	ETH
QTUM	USD
QTUM	USDT
QUICK	USDT
RAD	BTC
RAD	USDT
RARE	USD
RARE	USDT
RARI	USDT
RAY	USDT
REEF	USDT
REN	BTC
REN	USD
REN	USDT
REP	USD
REP	USDT
REQ	BTC
REQ	USD
REQ	USDT
RIF	USDT
RLC	BTC
RLC	USDT
RLY	USDT
RNDR	BTC
RNDR	USD
RNDR	USDT
ROSE	USDT
RSR	BTC

RSR	USDT
RUNE	BTC
RUNE	USDT
RVN	BTC
RVN	USDT
SAND	BTC
SAND	USD
SAND	USDT
SC	BTC
SC	ETH
SC	USDT
SCRT	BTC
SCRT	USDT
SFP	USDT
SHIB	USD
SHIB	USDT
SKL	USDT
SLP	USDT
SNT	BTC
SNT	USDT
SNX	BTC
SNX	ETH
SNX	USD
SNX	USDT
SOL	BTC
SOL	ETH
SOL	EUR
SOL	USD
SOL	USDT
SPELL	USD
SPELL	USDT
SRM	BTC
SRM	KRW
SRM	USD

SRM	USDT
STEEM	BTC
STEEM	USDT
STG	USDT
STMX	USDT
STORJ	BTC
STORJ	USD
STORJ	USDT
STPT	USDT
STRAX	BTC
STX	BTC
STX	USD
STX	USDT
SUN	USDT
SUPER	USDT
SUSHI	BTC
SUSHI	ETH
SUSHI	USD
SUSHI	USDT
SXP	BTC
SXP	USDT
T	USDT
TFUEL	USDT
THETA	BTC
THETA	USDT
TKO	USDT
TLOS	USDT
TOMO	BTC
TOMO	USDT
TONCOIN	USDT
TORN	USDT
TRB	BTC
TRB	USDT
TRIBE	USDT

TRU	BTC
TRU	USDT
TRX	BTC
TRX	ETH
TRX	EUR
TRX	USD
TRX	USDC
TRX	USDT
TUSD	USDC
TUSD	USDT
TVK	USDT
TWT	USDT
UMA	USD
UMA	USDT
UNFI	USDT
UNI	BTC
UNI	ETH
UNI	EUR
UNI	USD
UNI	USDC
UNI	USDT
USDC	EUR
USDC	USD
USDC	USDT
USDT	AUD
USDT	DAI
USDT	EUR
USDT	GBP
USDT	TRY
USDT	UAH
USDT	USD
USDT	USDC
USTC	USDT
UTK	BTC

UTK	USDT
VELO	USDT
VET	BTC
VET	ETH
VET	USDT
VITE	USDT
VOXEL	USDT
VRA	BTC
VRA	USDT
VTHO	USDT
WAN	BTC
WAN	USDT
WAVES	BTC
WAVES	ETH
WAVES	USD
WAVES	USDT
WAXP	BTC
WAXP	ETH
WAXP	USDT
WBTC	BTC
WBTC	ETH
WBTC	USD
WBTC	USDT
WIN	USDT
WING	USDT
WNXM	USDT
WOO	USDT
WRX	USDT
XCH	BTC
XCH	USDT
XDC	BTC
XDC	ETH
XDC	USDT
XEC	USDT

XEM	BTC
XEM	USDT
XLM	BTC
XLM	ETH
XLM	EUR
XLM	GBP
XLM	USD
XLM	USDC
XLM	USDT
XMR	BTC
XMR	ETH
XMR	USDT
XPR	USDT
XRP	AUD
XRP	BTC
XRP	ETH
XRP	EUR
XRP	GBP
XRP	JPY
XRP	USD
XRP	USDC
XRP	USDT
XTZ	BTC
XTZ	ETH
XTZ	USD
XTZ	USDT
XVG	BTC
XVG	USDT
XVS	USDT
YFI	BTC
YFI	USD
YFI	USDT
YFII	USDT
YGG	BTC

YGG	USDT
ZEC	BTC
ZEC	USD
ZEC	USDT
ZEN	BTC
ZEN	USD
ZEN	USDT
ZIL	BTC
ZIL	ETH
ZIL	KRW
ZIL	USD
ZIL	USDT
ZRX	BTC
ZRX	ETH
ZRX	USD
ZRX	USDT