

Cripto Combo CCID

N.	Q.ty	PartReference	Value	Code	Description	Package
1.	18	C1,C2,C3,C4,C7,C10,C13,C14,C15,C18,C23,C25,C26,C27,C28,C29,C31,C32	100nF/S00	COCE-100N10V0S	Chip Cap.cer. 100nF/10V X5R 10%	SMT 0402
2.	8	C5,C6,C8,C9,C16,C19,C24,C30	4.7uF/6.3VS/S0	COCE-4.7U6.3V1S	Chip Cap.cer. 4.7uF/6.3V X5R10%	SMT 0603
3.	4	C11,C12,C33,C34	4.7pF/S00	COCE-4.7P25V0S	Chip Cap.cer. 4.7pF/25V 0402	SMT 0402
4.	1	C17	470nF/S00	COCE-470N25V3S	Chip Cap.cer. 470nF/25V 0402	SMT 0402
5.	1	C20	22pF/S00	COCE-22P25V4S	Chip Cap.cer. 22pF/25V 0402	SMT 0402
6.	1	C21	33pF/S00	COCE-33P25V2S	Chip Cap.cer. 33pF/25V 0402	SMT 0402
7.	1	C22	150pF/S00	COCE-150P25V1S	Chip Cap.cer. 150pF/25V 0402	SMT 0402
8.	1	CN1	USB-4PM/S	CNUS-4PMDIR1SMT	Conn. USB 4PM Dir 01026USB PLUG	SMT ASKA
9.	2	DL1,DL2	HSMG-C190	DILE-HSMG-C190	Led Verde 1.6x0.8 HSMG-C190 AGILENT	SMT
10.	1	FB1	MMZ1005S800C/S00	INFE+MMZ1005S800C	Ind. ferrite MMZ1005S800C 500mA TDK	SMT 0402
11.	1	L1	FSLB2520-100K	INFE-FSLB2520SMT	Ind. FSLB2520-100K 10uH 10% 220mA	SMT
12.	1	Q1	BSH205	TRMO-BSH205	Trans. BSH205 MOS P 12V/1A	SOT-23
13.	1	Q2	2N7002	TRMO-2N7002	Trans. 2N7002 MOS N 60V/115mA	SOT-23
14.	2	R1,R14	470/S00	RET5-470R16SMT2	Chip Res. 470 ohm 1/16W 5%	SMT 0402
15.	3	R2,R3,RR3	0/S00	RET5-0R16SMT2	Chip Res. 0 ohm 1/16W 5%	SMT 0402
16.	4	R4,R5,R6,R10	100k/S00	RET5-100K16SMT2	Chip Res. 100 kohm 1/16W 5%	SMT 0402
17.	1	R7	12k/S00	RET5+12K16SMT2	Chip Res. 12 Kohm 1/16W 5%	SMT 0402

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18.	3	R8,R9,R18	1M/S00	RET5-1M16SMT2	Chip Res. 1 Mega 1/16W 5% 0402 SMT	SMT 0402
19.	3	R11,R17,RR1	1.5k/S00	RET5-1.5K16SMT2	Chip Res. 1.5 kohm 1/16W 5%	SMT 0402
20.	1	R12	1.8k/S00	RET5-1.8K16SMT2	Chip Res. 1.8 kohm 1/16W 5%	SMT 0402
21.	1	R13	2.2k/S00	RET5-2.2K16SMT2	Chip Res. 2.2 kohm 1/16W 5%	SMT 0402
22.	1	R15	330/S00	RET5-330R16SMT2	Chip Res. 330 ohm 1/16W 5%	SMT 0402
23.	1	R16	47k/S00	RET5+47K16SMT2	Chip Res. 47 Kohm 1/16W 5%	SMT 0402
24.	3	SEL0R1,SEL1R1,SEL2 R1	470k/S00	RET5+470K16SMT2	Chip Res. 470 kohm 1/16W 5%	SMT 0402
25.	1	U1	CM2830SIM23	CILI-CM2830SIM23	C.I. CM2830SIM23 Volt. Reg 3.3V	SOT-23-3
26.	1	U2	USB2502	CIUP-USB2502	C.I.USB2502 Hub USB High-Speed 2porte SMSC	QFN36
27.	1	U3	AT89C5123	CIUP+AT89C5123	Micro USB Atmel AT89C5123-PUTUM QFN32	QFN32
28.	1	U4	SLE66CX322P	CIUP-SLE66CX322P	C.I SLE66CX322P single die 32Kb ROM Inf.	DIE
29.	1	U5	SM321E	CIUP-SM321ELGA	C.I. H.S. FlashContr. SiliconMotion LGA44	LGA44
30.	1	U6	K9K1G08U0M-YCB0	CIME-K9K1G08U0M	K9K1G08U0M-YCB0 NAND FL.128M TSOP148 SAM	TSOP1-48
31.	1	X1	FCX-04C-24MHz	QUOS-FCX-04C-24M	Oscillat. 24 MHz FCX-04C River El.	SMT
32.	1	X2	FCX-04C-12MHz	QUOS-FCX-04C-12M	Oscillat. 12 MHz FCX-04C River El.	SMT
33.	1	Y1	CSTCE8.0M	QUAR+CSTCE8.0M	Rison.ceram. CSTCE8M00G55Z-R0 8MHz MUR	SMT

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Remark:

- Difference among the Crypto-chip U4 (underlined in yellow).

Difference concerns the manufacturer (Philips, Charismatics or Infineon manufacturer), inside ROM size (32k or 64k).

This component could be:

CIUP-SLE66CX322P	SLE66CX322P single die 32Kb ROM Infineon
CIUP-SLE66CX322V4.20	SLE66CX322P single die 32Kb ROM (v.4.20) Infineon
CIUP-SLE66CX322V4.3B	SLE66CX322P single die 32Kb ROM (v.4.3B) Infineon
CIUP-SLE66CX42P4.3B	SLE66CX42P single die 64Kb ROM Infineon
CIUP-SLE66CX64CH4.3B	SLE66CX642P single die 64Kb ROM Infineon / Charismatics
CIUP-P8W5032-2.3P	P8W5032-2.3P single die Philips
CIUP-P8W5032-2.4P	P8W5032-2.4P single die Philips

- Different flash memory sizes could be mounted as U6 component: 128MB, 256MB, 512MB, 1GB, 2GB

- Alternative U2 component could be mounted: CY7C65620-56LFXC – Cypress CY7C65620 low-power USB 2.0 hub controller

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