

STEVAL-CCH003V2 (Main Board)

BILL OF MATERIALS

Item	Qty	Ref	Manufacturer	Ref Manufacturer / Part Number	Package	Description
1	2	CN1	Molex	47151-0001	HDMI receptacle type A	Connector HDMI receptacle
		CN2				
2	2	CN3	Molex	51441-0893	-	Connector FPC 8 pos
		CN5				
3	1	CN4	Molex	51441-0693	-	Connector FPC 6 pos
5	2	C1	-	-	0603	Capacitor 1uF
		C6				
6	4	C2	-	-	0603	Capacitor 100nF
		C3				
		C4				
		C5				
7	2	C7	-	-	0603	Capacitor 10uF
		C8				
8	2	D1	STMicroelectronics	BAT54AWFILM	SOT323	Schottky Diode Dual
		D2				
9	2	D3	Panasonic	LNJ953W8CRA		LED
		D5		LNJ352W83RA		
10	1	D4	STMicroelectronics	BAT54KFILM	SOD	Schottky Diode
11	1	J1	3M	961210-6404-AR	-	Connector Header vertical dual row 10 pos
12	1	J2	3M	961102-6404-AR	-	Connector header vertical single row 2 pos
13	1	R1	-	-	0603	Resistor 270kΩ
14	3	R2	-	-	0603	Resistor 10kΩ
		R3				
		R4				
15	1	R5	-	-	0603	Resistor 27kΩ
16	2	R6	-	-	0603	Resistor 1.8kΩ
		R7				
17	2	R8	-	-	0603	Resistor 1kΩ
		R9				
18	1	R10	-	-	0603	Resistor 120Ω
19	1	R11	-	-	0603	Resistor 220Ω
20	1	SW1	Eoz	09.03201.02	-	SIL switch
21	1	U1	STMicroelectronics	HDMI2C1-14HD	QFN 36L 3.5x6.5	HDMI2C1-14HD
22	1	U2	STMicroelectronics	LD1117SC-R	SOT-223	LDO Adjustable Positive Voltage Regulator

STEVAL-CCH003V2 (Daughter Board)
BILL OF MATERIALS

Item	Qte	Ref	Manufacturer	Ref Manufacturer/Part number	Package	Description
1	2	CN6	Molex	51441-0893	-	Connector FPC 8 pos
		CN8				
2	1	CN7	Molex	51441-0693	-	Connector FPC 6 pos
3	1	CN9	3M	961106-6404-AR	-	Connector Header vertical single row 6
4	2	CN10	3M	961108-6404-AR	-	Connector Header vertical single row 8
		CN11				
5	2	C9	-	-	0603	Capacitor 1uF
		C10				
6	9	C11	-	-	0603	Capacitor 100nF
		C13				
		C14				
		C15				
		C16				
		C17				
		C18				
		C19				
		C20				
7	1	C12	-	-	0603	Capacitor 10uF
8	5	D6	Panasonic	LNJ837W83RA	1608	LED
		D7		LNJ437W84RA		
		D8		LNJ836W86RA		
		D9		LNJ237W82RA		
		D10		LNJ337W83RA		
9	2	J3	3M	961102-6404-AR	-	Connector header vertical single row 2
		J4				
10	4	R12	-	-	0603	Resistor 3.3kΩ
		R13				
		R15				
		R16				
11	1	R14	-	-	0603	Resistor 3.9kΩ
12	1	SW2	Eoz	09.03201.02	-	SIL switch
13	1	SW3	Omron	B3U-3000P	-	Switch tactile
14	22	TP1	Radiospares	200-207	-	Test terminal Ø1mm
		TP2				
		TP3				
		TP4				
		TP5				
		TP7				
		TP15				
		TP22				
		TP6		200-203		
		TP14				
		TP21				
		TP8				
		TP9		200-201		
		TP10				
		TP16				
		TP19				
		TP11		200-202		
		TP12				
		TP17				
TP18						
TP13	200-208					
TP20						
15	1	U3	STMicroelectronics	STP4CMP	QFN 20L	LED driver
16	2	U4	TI	SN74AHCT1G08DCKR	SC70-5L (SOT323-5L)	Single 2-input AND gate
		U5				
17	1	U6	TI	SN74AHCT1G04DCKR	SC70-5L (SOT323-5L)	Single Inverter

STEVAL-CCH003V2 (Accessories)**BILL OF MATERIALS**

Item	Qte	Ref	Manufacturer	Ref Manufacturer	Package	Description
1	1	-	Assmann WSW Components	AB562-R	-	HDMI adapter (A)/M to (A)/M
2	2	-	Molex	150200084	-	Cable FFC 6" .5mm 8 pos
3	1	-	Molex	150200062	-	Cable FFC 6" .5mm 6 pos