

Bill of Materials

TI DESIGNS

TIDC-CC3200-VIDEO

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
1	2	C1, C7	0.1 uF	Cap	Rohm	ECJ-0EB1A105M		C-0402	
2	1	C2	1pF / NC	Cap	Murata			C-0402	
3	4	C3, C8, C15, C16	4.7uF	Cap	Rohm			C-0603	
4	1	C4	NC / 100uF	Cap	Rohm	ECJ-0EB1A105M		C-0805	
5	1	C5	NC / 100uF	Cap	Rohm	ECJ-0EB1A105M		C-0805	
6	1	C6	22uF	Cap	Rohm	ECJ-0EB1A105M		C-0805	
7	2	C9, C10	0.1 uF	Cap	Rohm	ECJ-0EB1A105M		C-0402	
8	6	C11, C12, C13, C14, C17, C18	0.1uF	Cap	Any			C-0402	
9	1	D1	n/a	LED				LEDO402	
10	2	J1, J2	n/a	ND-12L1401-MMD				HDRP12-6x2P-1 27v	
11	1	J3	n/a	Power Jumper	SAMTEC	TSM-106-01-L-SV		SAMTEC TSM-106-01-L-SV	
12	1	J4	n/a	UFL Connector				IPEX-CONN-TBD	
13	2	J5, J6	n/a	Jumper				HDR1X2_SMD	
14	1	L1	0nH	Inductor	TDK Electronics			LO603	
15	1	Q1	n/a	SI2302				SOT-23	
16	9	R1, R18, R24, R25, R26, R36, R37, R38, R39 R2, R3, R4, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R23, R46, R47, R48	10 K ohms	Res	Rohm			R-0402	
17	17		0 ohms	Res	Rohm			R-0402	
18	3	R5, R29, R42	10 K ohms / NC	Res	Rohm			R-0402	
19	1	R6	100 K ohms	Res	Rohm			R-0402	
20	1	R7	10 K ohms	Res	Rohm	ERJ-2RKF3161x		R-0603	
21	2	R19, R28	10 K ohms	Res	Any			R-0402	
22	1	R20	100 ohms	Res	Any			R-0402	
23	1	R21	220 ohms	Res	Rohm			R-0402	
24	1	R22	2.7 K ohms	Res	Rohm			R-0402	
25	1	R27	220 ohms	Res	Any			R-0603	
26	2	R43, R45	0 ohms / NC	Res	Rohm			R-0402	
27	1	SW1	n/a	SW DPST		PTS810 SJK 250 SMTR LFS		sw_pts810	
28	5	TP1, TP2, TP7, TP8, TP9	n/a	TP / NM	Any			TP30	
29	1	U1	n/a	SimpleLink™ Wi-Fi Module	Texas Instruments	CC3200MOD		LGA63P54-9	
30	1	U2	n/a	Level-Shifter	Texas Instruments	SN74AVC8T245PW		sop65p640x120-24n	
31	1	U3	n/a	Level-Shifter	Texas Instruments	SN74AVC4T245PW		sop65p640x120-16n	
32	1	U5	n/a	Level-Shifter	Texas Instruments	SN74AVC1T45DRLR		sofll50p160x60-6n	
33	1	U7	n/a	Level-Shifter	Texas Instruments	SN74AVC2T45DRLR		SOP50P310X90-8	

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