



Bill of Materials for the NCS2632DTBGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1, C2, C3, C4, C7, C8, C11, C12	-	Do Not Assemble	-	-	-	-	-	-	-
C5, C6, C9, C10	4	Surface Mount Capacitor	2.2uF, 10V	10%	0805	TDK Corporation	C2012X5R1A225M085AA	Yes	Yes
C13, C14, C18	3	Surface Mount Capacitor	1nF, 10V	10%	0805	Kemet	C0805C102J4GACTU	Yes	Yes
C15, C16, C17	3	Surface Mount Capacitor	1uF, 10V	10%	0603	TDK Corporation	C1608X5R1A105K080AC	Yes	Yes
C19	1	Surface Mount Capacitor	10uF, 10V	10%	0805	TDK Corporation	C2012X5R1A106M125AB	Yes	Yes
D1	1	Do Not Assemble	-	-	-	-	-	-	-
J1, J2, J3, J4, J5, J6	6	RCA Phono Jack Connector	-	-	RCA PHONO JACK	Keystone Electronics	972	Yes	Yes
J7	1	2-Pin Header, 5.08MM, Right Angle	-	-	SL5.08/2/90	Weidmuller	1512660000	Yes	Yes
J8, J9, J10	3	Uninsulated Shorting Plug, 1mm	-	-	GND_STRP	Harwin Inc	D3082-05	Yes	Yes
R1, R2, R11, R12	4	Surface Mount Resistor	20kΩ	5%	0603	Panasonic	ERJ-3EKF2002V	Yes	Yes
R3, R6, R7, R10	4	Surface Mount Resistor	20kΩ	5%	0603	TE Connectivity	1622829-1	Yes	Yes
R4, R5, R8, R9, R18	5	Surface Mount Resistor	0Ω	-	0603	Various	Various	Yes	Yes
R13, R14	2	Surface Mount Resistor	33Ω	5%	0603	Panasonic	ERJ-3EKF33R0V	Yes	Yes
R15	1	Surface Mount Resistor	12kΩ	5%	0603	Panasonic	ERJ-3GEYJ123V	Yes	Yes
R16	1	Surface Mount Resistor	1kΩ	5%	0603	Panasonic	ERJ-3GEYJ102V	Yes	Yes
R17	1	Surface Mount Resistor	49.9kΩ	5%	0805	Stackpole Electronics, Inc.	RNCP0805FTD49K9	Yes	Yes
R19	1	Surface Mount Resistor	1.5kΩ	5%	0603	Panasonic	ERJ-3GEYJ152V	Yes	Yes
R20, R21, R22	-	Do Not Assemble	-	-	-	-	-	-	-
SW1	1	EAO SPDT Switch	-	-	EAO Switch	EAO	09.03290.01	Yes	Yes
S1, S2, S4, S6, S8, S9	-	Do Not Assemble	-	-	-	-	-	-	-
S11, S13	2	Solder Connection	-	-	-	-	-	-	-
S3, S5, S7, S10, S12, S14	6	2-Pin Header, Breakaway	-	-	Header 2 100	TE Connectivity	5-826629-0	Yes	Yes
TP1 to TP11	11	Test Point Connector	-	-	-	Keystone Electronics	5010	Yes	Yes
U1	1	NCS2632 Audio Driver	-	-	TSSOP14	ON Semiconductor	NCS2632DTBR2G	No	Yes
U2	-	Do Not Assemble	-	-	-	-	-	-	-