



## Bill of Materials for the NCV77320 60 Degree Sensor Evaluation Board, Analog Interface

Designator (Main Board)	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C7, C17, Cd1, Cd2, Cd3, Cd4, Cd11, Cd12, Cd13, Cd14	10	CAP, CERAMIC, 100nF, 50V, X7R, 10%, 0402	100uF	10 %	0402	TDK	CGA2B3X7R1H104K050BB	Yes	Yes
C1, C11	2	CAP, CERAMIC, 1nF, 50V, X7R, 10%, 0402	1nF	10 %	0402	TDK	CGA2B2X7R1H102K050BA	Yes	Yes
C5, C6, C15, C16	4	CAP, CERAMIC, 1.5nF, 100V, C0G, 5%, 0603	1.5nF	5 %	0603	TDK	CGA3E2NP02A152J080AA	Yes (C0G)	Yes
R1, R2, R11, R12	4	RESISTOR MF_0402_OR_0.2W_1%_50V; CRCW04020000Z0EDHP; AEC-Q200; Vishay	0R	1 %	0402	Vishay	CRCW04020000Z0EDHP	Yes	Yes
CON1	1	PCB Receptacle, Board-to-Board, Wire-to-Board, 2 mm, 2 Rows, 20 Contacts	-	-	THT	HARWIN	M80-4002042	No	Yes
U1, U2	2	Inductive position sensor interface	NCV77320	-	TSSOP-16	ONSEMI	NCV77320DB0R2G	No	Yes

