



## Bill of Materials for the NCP5269GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CA1	1	Capacitor MLCC, 0603, 50 V, C0G	1000pF	±5%	0603	Murata	GRM1885C1H102JA01D	No	YES
CA2	1	Capacitor MLCC, 0603, 50 V, C0G	10pF	±5%	0603	Murata	GRM1885C1H100JA01D	YES	YES
CA3	1	Capacitor MLCC, 0603, 50 V, C0G	330pF	±5%	0603	Murata	GRM1885C1H331JA01D	YES	YES
CA4	1	Capacitor MLCC, 0603, 25 V, X5R	1uF	± 20%	0603	TDK		YES	YES
CA5	1	Capacitor MLCC, 0603, 10 V, X5R	10uF	± 20%	0603	Taiyo Yuden	LMK107BBJ106MALT	YES	YES
CA6, CA8, CA12	3	Capacitor MLCC, 0.1uF, 0603, 25 V, X7R	0.1uF	±10%	0603	Murata	GRM188R71E104KA01D	YES	YES
CA9, CA10	2	Capacitor MLCC, 22uF, 25V, 1210, X5R	22uF	±20%	1210	Taiyo Yuden	TMK325BJ226MM-T	YES	YES
CEA1, CEA2	2	Capacitor SP-Cap or POSCAP, 220uF, 2.5V, 7343, 9 milli-ohm ESR	220uF	±20%	7343	Sanyo Panasonic	2R5TPE220M9 EEFSX0E221ER	YES	YES
DA1	1	LED, 0805	GRN	-	0805	Lite-On	LTST-C170GKT	YES	YES
JA2, JA4, JA8	3	2PIN 1ROW	2PIN 1ROW	-	Through hole	TE Connectivity	640452-2	YES	YES
JA3, JA5, JA6, JA7	4	2PIN/TERM BLK, 0.2" (5.08 mm) spacing	2PIN/TERM BLK	-	Through hole	Weidmuller	1716020000	YES	YES
JPA1, JPA2	2	ETCH	ETCH	-	-	-	-	YES	YES
LA1	1	Inductor, 0.88uH	0.88uH	±20%	1040	NEC/Tokin	MPC1040LR88C	YES	YES
LA2	1	DNP	DNP	-	-	-	-	-	-
QA1	1	MOSFET, N-CH, SO-8FL	NTMFS4925N	-	SO-8FL	ON Semiconductor	NFMFS4925N	YES	YES
QA2, QA4	2	MOSFET, N-CH, SO-8FL	NTMFS4935N	-	SO-8FL	ON Semiconductor	NTMFS4935N	YES	YES
QA3	1	2N7002LT1	2N7002LT1	±1%	SOT-23	ON Semiconductor	2N7002LT1G	YES	YES
RA1	1	Resistor 0603	DNP	-	0603	-	-	-	-
RA2, RA4, RA12, RA13, RA14	5	Resistor, 1%, 0603	10.0K	±1%	0603	Vishay Dale	CRCW060310K0FRT1E3	YES	YES
RA3	1	Resistor, 1%, 0603	200	±1%	0603	Vishay Dale	CRCW0603200RFR1E3	YES	YES
RA5	1	Resistor, 1%, 0603	150K	±1%	0603	Vishay Dale	CRCW0603150KFR1E3	YES	YES
RA6	1	Resistor, 1%, 0603	2.00K	±1%	0603	Vishay Dale	CRCW06032K00FRT1E3	YES	YES
RA7	1	Resistor, 1%, 0603	29.4k	±1%	0603	Vishay Dale	-	YES	YES
RA8	1	Resistor, 1%, 0603	4.42K	±1%	0603	Vishay Dale	CRCW06033K83FR1E3	YES	YES
RA9, RA10	2	Resistor, 5%, 0603	0	±5%	0603	Vishay Dale	CRCW0603000ZTE3	YES	YES
RA11	1	Resistor, 1%, 0603	301	±1%	0603	Vishay Dale	CRCW0603301RFR1E3	YES	YES
RA15	1	Resistor, 1%, 0603	215K	±1%	0603	Vishay Dale	CRCW0603215KFR1E3	YES	YES
RA16	1	Resistor, 1%, 0603	27.4K	±1%	0603	Vishay Dale	CRCW060327K4FR1E3	YES	YES
RA17	1	Resistor, 1%, 0603	16.2K	±1%	0603	Vishay Dale	CRCW060316K2FR1E3	YES	YES
RA18	1	Resistor, 1%, 0603	40.2K	±1%	0603	Vishay Dale	CRCW060340K2FR1E3	YES	YES
RA19, RA20	2	Resistor, 5%, 0603	2.2	±5%	0603	Panasonic	ERJ-3GEYJ2R2V	YES	YES
TPA1, TPA2, TPA3, TPA4, TPA9, TPA10, TPA11, TPA12, TPA13, TPA14, TPA15	11	Test point, turret	TP	-	Through hole	Mill-Max	2305-2-00-01-00-00-07-0	YES	YES
TPA5, TPA6	2	Banana jack, black (optional)	108-0903-001 (BLACK)	-	Through hole	Johnson Components	108-0903-001	YES	YES
TPA7, TPA8	2	Banana jack, red (optional)	108-0902-001 (RED)	-	Through hole	Johnson Components	108-0902-001	YES	YES
UA1	1	NCP5269	NCP5269	-	QFN-20, 3x3 mm	ON Semiconductor	NCP5269	NO	YES