



Bill of Materials for the NCP690MNADT2GEVB LDO Demonstration Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Ceramic Capacitor, X5R	10 μ F/10V	10%	smd1206	Taiyo Yuden	LMK325BJ106MN	YES	YES
C2	1	Ceramic Capacitor, X7R	0.1 μ F/50V	10%	1206	Yageo PHYC	2238 581 15656	YES	YES
C3	1	Ceramic Capacitor, X7R	0.1 μ F/50V	10%	1206	Yageo PHYC	2238 581 15656	YES	YES
C4	1	Ceramic Capacitor, X7R	10 μ F/10V	10%	1206	Taiyo Yuden	LMK325BJ106MN	YES	YES
R1*	1	Thick Film Resistor	Various*	1%	1206	Various	Various	YES	YES
R2*	1	Thick Film Resistor	Various*	1%	1206	Various	Various	YES	YES
U1	1	Low Dropout Regulator	N/A	N/A	DFN 3x3	ON Semiconductor	NCP690MNADJT2G	NO	YES
JP1	1	Jumper, RM 2.54 mm	N/A	N/A	2.54mm	Harwin	M7686-05	YES	YES
N/A	4	Pin 1.3mm	N/A	N/A	1.3mm	Various	Various	YES	YES

*For example values of R1, R2 please refer to the Schematic Description or Test Description