



Bill of Materials for the NCP59301DS00GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
R3	1	Resistor	47 kΩ	1%	0805	Rohm	MCR10EZHF4702	Yes	Yes
R4	1	Resistor	10 kΩ	1%	0805	Rohm	MCR10EZHF1002	Yes	Yes
C1	1	Ceramic Cap	10 μF / 25 V	20%	1210	Taiyo Yuden	TMK325B7106MM-T	Yes	Yes
C2	1	Ceramic Cap	47 μF / 16 V	20%	1210	Taiyo Yuden	EMK325BJ476MM-T	Yes	Yes
IC1	1	VLDO Regulator	NCP59301-xx	-	D2PAK-5	ON Semiconductor	NCP59301DSxxR4G	No	Yes

Note: xx in the NCP59301-xx IC marking represents the Nominal Fixed Output Voltage Option. 18 = 1.8V, 25 = 2.5V, 28 = 2.8V, 30 = 3.0V. 33 = 3.3V and 50 = 5.0V

Mouser Electronics

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