



Bill of Materials for the NCV8189CMTW180TAGEVB Demo Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CIN	1	Capacitor MLCC, X7R	4.7 uF	10%	0805	SAMSUNG	CL21B475KOFNNN	Yes	Yes
COUT	1	Capacitor MLCC, X7R	4.7 uF	10%	0805	SAMSUNG	CL21B475KOFNNN	Yes	Yes
RE	1	Resistor	100k	10%	0805	Various	Various	Yes	Yes
RPG	1	Resistor	100k	10%	0805	Various	Various	Yes	Yes
R1	1	Resistor	Not used	1%	0805	Various	Various	Yes	Yes
R2	1	Resistor	0R	1%	0805	Various	Various	Yes	Yes
IC1	1	LDO regulator	500 mA P-MOS	NA	WDFN6 2x2	onsemi	NCV8189CMTW180TAG	No	Yes
Pin	1	RM 2.54 mm, PCB pin's (3)	Jumper - PCB pin's	-	2.54 mm	Harwin	M20-9990305	Yes	Yes
Jumper	1	Jumper, RM 2.54 mm	Jumper	-	2.54 mm	Harwin	M7686-05	Yes	Yes
Pin	8	Pin 1.3 mm	-	-	1.3 mm	Various	Various	Yes	Yes