

ON Semiconductor



Bill of Materials for the NCV8130BMX180TCG Demo Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CIN	1	Capacitor MLCC, X7R	1.0 uF	10%	0805	SAMSUNG	CL21B105KOFNNN	Yes	Yes
COUT	1	Capacitor MLCC, X7R	1.0 uF	10%	0805	SAMSUNG	CL21B105KOFNNN	Yes	Yes
CBIAS	1	Capacitor MLCC, X7R	0.1 uF	10%	0805	SAMSUNG	CL21B104KOFNNN	Yes	Yes
LDO1	1	LDO regulator	300 mA Bias Rail	NA	XDFN6	ON Semiconductor	NCV8130BMX180TCG	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