

ON Semiconductor



Bill of Materials for the NCP139AFCT05ADJT2G 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	Murata	GRM21BZ71H475KE15L	Yes	Yes
COU1	1	Capacitor MLCC, X7R	10.0 uF	10%	0805	Taiyo Yuden	EMK212BB7106KGT	Yes	Yes
CBIAS	1	Capacitor MLCC, X7R	1.0 uF	10%	0805	SAMSUNG	CL21B105KOFNNN	Yes	Yes
LDO1	1	LDO regulator	1 A Bias Rail	NA	WLCSP6	ON Semiconductor	NCP139AFCT05ADJT2G	No	Yes
ADJ	1	Adjustable Resistor	100 kohm	10%	Through Hole	Vishay	T93YB104KT20	Yes	Yes
R1	-	(not placed)	-	-	-	-	-	-	-
R2	-	(not placed)	-	-	-	-	-	-	-
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