



Bill of Materials for the NCP380HMUAJAGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	0	DNP	-	-	-	-	-	Yes	Yes
C2	1	Input Decoupling Capacitor	100uF, X7R, 6.3V	20%	1206	Murata	GRM31CR60J107ME39L	Yes	Yes
C3	0	DNP	-	-	-	-	-	Yes	Yes
C4	1	Output Decoupling Capacitor	100uF, X7R, 6.3V	20%	1206	Murata	GRM31CR60J107ME39L	Yes	Yes
C5	0	DNP	-	-	-	-	-	Yes	Yes
R1	1	Flag Pin Pull-Up Resistor	CMS 10kΩ, 1/8W	5%	0603	Stackpole Electronics Inc	RNCP0603FTD10K0	Yes	Yes
R2	1	Current Limit Resistor	CMS 20kΩ, 1/8W	1.0%	0603	Stackpole Electronics Inc	RNCF1206BKE20K0	Yes	Yes
R3	0	DNP	-	-	-	-	-	Yes	Yes
R4	1	EN Serial Resistor	CMS 10kΩ, 1/8W	5%	0603	Stackpole Electronics Inc	RNCP0603FTD10K0	Yes	Yes
Current Limit	1	Pins with Jumper	-	-	-	FCI/Harwin	77311-818-36LF/M7567-05	Yes	Yes
Enable H/L	1	3 Pin Header	-	-	2.54mm x 7.62mm	Various	Various	Yes	Yes
Flag/Pull Up	1	90° Flag Switch	-	-	-	EAO	09.10290.01	Yes	Yes
J7, J8	2	Ground Jumpers	-	-	Strap	Mill-Max Manufacturing Corp.	3360-4-14-21-00-00-08-0	Yes	Yes
U1	1	Single-channel Current-Limiting Power Distribution Load Switch	-	-	uDFN (Adjustable)	ON Semiconductor	NCP380HMUAJAATBG	No	Yes
TP	5	Test Points: EN, VCC, INPUT, OUTPUT, FLAG	-	-	0.38mm x 0.81mm	Keystone Electronics	5010	Yes	Yes