



Bill of Materials for the NCP383LMUAJAGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C2, C4, C6	3	Capacitor	100µF, 1206, X7R, 6.3V.	20%	1206	Murata	GRM31CR60J107ME39L	YES	YES
C1, C3, C5	3	Capacitor	1µF, 0805, X7R, 6.3V	20%	0805	Murata	LLA219R70J105MA01L	YES	YES
C5	0	USB ID	Do Not Populate	-	-	-	-	-	YES
R1,R2, R3, R4	4	Resistor	CMS 100k, 5%, 0603, 1/8W	5%	0603	Various	Various	YES	YES
R6	1	Resistor	56k, 5%, 0603, 1/8W	5%	0603	Various	Various	YES	YES
EN1, EN2, VCC, INPUT, OUTPUT1, OUTPUT2, FLAG1, FLAG2	8	Test Points	-	-	-	Keystone Electronics	5010	YES	YES
GROUND	2	Ground Bar	-	-	-	Mill max	3360-4-14-21-00-00-08-0	YES	YES
N/A	5	Jumpers	-	-	-	Harwin	M7567-05	YES	YES
L2	1	Connection Header x 2	-	-	-	FCI	77311-818-36LF	YES	YES
DOWN/UP1, DOWN/UP2	4	Connection Header x 3	-	-	-	FCI	77311-818-36LF	YES	YES
-	3	Buchsen / sockets	4 mm diameter, M6 thread	-	4 mm	HIRSCHMANN	BO 10	YES	YES
NCP383	1	NCP383LMUAJAATXG	-	-	-	ON Semiconductor	NCP383LMUAJAATXG	NO	YES