



Bill of Materials for the NCP785AH33GEVB

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CIN	1	Capacitor Aluminium	2.2 uF/450V	20%	SMD	Nichicon	ULH2W2R2MNL1GS	Yes	Yes
D1	1	Diode	MBR4007	-	SMD2	ON Semiconductor	MBR4007T3G	Yes	Yes
COUT	1	Capacitor MLCC, X7R	22 uF/16V	20%	1210	TDK	C3225X7R1C226M250AC	Yes	Yes
REG1	1	UHV regulator	NCP785A 3V3		SOT89-3	ON Semiconductor	NCP785AH330T1G	No	Yes
Pin	6	Pin 0.6mm	-	-	0.6mm	Various	Various	Yes	Yes