



ON Semiconductor

Bill of Materials for the NCP1599GEVB Evaluation board

Designator	Quantity	Description	Value	Tolerance	FootPrint	Manufacturer	Manufacturer Part Name	Substitution Allowed	Lead Free
C1,C3,C4	3	Ceramic Chip Capacitor	22uF	20%	805	TDK	C2012X5R0J226M	YES	YES
C2	1	Ceramic Chip Capacitor	0.1uF	10%	603	TDK	C1608X7R1E104K	YES	YES
C5	1	Ceramic Chip Capacitor	3300pF	10%	603	TDK	C1608X7R2A332K	YES	YES
C6	1	Ceramic Chip Capacitor	DNP	-	603	-	-	N/A	N/A
L1	1	INDUCTOR, SM	1.5uH	20%	7.0mmx6.9mmX5.0mm	Würth Electronics	744314150	YES	YES
R1	1	SMT Resistor	12.7k	1%	603	DALE	CRCW060312K7FKEA	YES	YES
R2	1	SMT Resistor	10.0K	1%	603	DALE	CRCW060310K0FRT1E3	YES	YES
R3	1	SMT Resistor	3.65k	1%	603	DALE	CRCW06033K65FKEA	YES	YES
TP97-TP106	10	TESTPOINT, TH	TP	-	125 MIL	KEYSTONE	5007	YES	YES
U1	1	Synchronous Buck Regulator	NCP1599	-	DFN6 3X3	ON Semiconductor	NCP1599MNTWG	NO	YES