



Bill of Materials for the NCP715SQT2GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CIN, COUT	2	Capacitor	1.0uF/35V	10%	1206	Taiyo Yuden	GMK315AB7105KL	YES	YES
COUTESR	0	Capacitor	-	-	1206	-	-	YES	YES
ESR	0	Resistor	-	-	1206	-	-	YES	YES
SWITCH	1	N-MOSFET	30V, 7.0A, 30mohm	-	TSOP-6	ON Semiconductor	NTGS4141NT1G	NO	YES
RLOAD	0	Resistor	-	-	401	-	-	YES	YES
REG	0	LDO Regulator	-	-	SC-70-5	ON Semiconductor	NCP715	NO	YES
VIN, GND, OUTPUT	3	Pin 0.6mm	-	-	0.6mm	Various	-	YES	YES
Pin	3	RM 2.54 mm, PCB pins	-	-	2.54mm	Harwin	M20-9990305	YES	YES