



Bill of Materials for the NCV8716MTTBGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CIN	1	Capacitor	1.0uF/35V	10%	1206	Taiyo Yuden	GMK315AB7105KL	Yes	Yes
COUT	1	Capacitor	1.0uF/35V	10%	1206	Taiyo Yuden	GMK315AB7105KL	Yes	Yes
COUESR	NC	Capacitor	-	-	1206	-	-	Yes	Yes
ESR	NC	Resistor	-	-	1206	-	-	Yes	Yes
Q1	1	N-MOS FET	30V, 7.0A, 30mohm	-	TSOP-6	ON Semiconductor	NTGS4141NT1G	Yes	Yes
LOAD	NC	Resistor	-	-	401	-	-	Yes	Yes
LDO1 *	1	LDO regulator	NCV8716	-	wDFN6	ON Semiconductor	NCV8716MT15TBG	No	Yes
LDO1 *	1	LDO regulator	NCV8716	-	wDFN6	ON Semiconductor	NCV8716MT18TBG	No	Yes
LDO1 *	1	LDO regulator	NCV8716	-	wDFN6	ON Semiconductor	NCV8716MT25TBG	No	Yes
LDO1 *	1	LDO regulator	NCV8716	-	wDFN6	ON Semiconductor	NCV8716MT30TBG	No	Yes
LDO1 *	1	LDO regulator	NCV8716	-	wDFN6	ON Semiconductor	NCV8716MT33TBG	No	Yes
LDO1 *	1	LDO regulator	NCV8716	-	wDFN6	ON Semiconductor	NCV8716MT50TBG	No	Yes
Pin	1	RM 2.54 mm, PCB pin's (3)	Jumper - PCB pin's	-	2.54mm	Harwin	M20-9990305	Yes	Yes
Pin	3	Pin 0.6mm	-	-	0.6mm	Various	Various	Yes	Yes

* Part Number depends on Voltage Version