

ON Semiconductor



Bill of Materials for the NCV8716 1V5 wDFN6 Demo Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Voltage Version	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
COUTESR	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	1.5 V	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