

ON Semiconductor



Bill of Materials for the NCV8715 1V2, 1V5, 1V8, 2V5, 3V0, 3V3, 5V0 XDFN6 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
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	NCV8715		XDFN6	ON Semiconductor	NCV8715MX12TBG	No	1.2 V	Yes
LDO1 *	1	LDO regulator	NCV8715		XDFN6	ON Semiconductor	NCV8715MX15TBG	No	1.5 V	Yes
LDO1 *	1	LDO regulator	NCV8715		XDFN6	ON Semiconductor	NCV8715MX18TBG	No	1.8 V	Yes
LDO1 *	1	LDO regulator	NCV8715		XDFN6	ON Semiconductor	NCV8715MX25TBG	No	2.5 V	Yes
LDO1 *	1	LDO regulator	NCV8715		XDFN6	ON Semiconductor	NCV8715MX33TBG	No	3.0 V	Yes
LDO1 *	1	LDO regulator	NCV8715		XDFN6	ON Semiconductor	NCV8715MX33TBG	No	3.3 V	Yes
LDO1 *	1	LDO regulator	NCV8715		XDFN6	ON Semiconductor	NCV8715MX50TBG	No	5.0 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

\* Part Number depends on Voltage Version