

ON Semiconductor



Bill of Materials for the NCV8537 1V8 DFN10 Demo Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Capacitor	82uF/25V	20%	F12	SANYO	25SVPD82M	Yes	Yes
C2	OPTION	Capacitor			1210				
C3	1	Capacitor	1uF/50V X7R	20%	1206	Vishay	A105K15X7RF5TAA		
C4	1	Capacitor	1uF/50V X7R	20%	1206	Vishay	A105K15X7RF5TAA	Yes	Yes
C5	OPTION	Capacitor			1210				
C6	OPTION	Capacitor			1210				
CNR	1	Capacitor	10nF	10%	1206	Kemet	C1206C103K5RACTU	Yes	Yes
RESR	OPTION	Resistor			1206				
R2	1	Resistor	100k	1%	1206	Rohm	MCR18EZPF1003	Yes	Yes
LDO1	1	LDO regulator	NCV8537 1V8		DFN10	ON Semiconductor	NCV8537MN180R2G	No	Yes
Pin	3	RM 2.54 mm, PCB pin's (3)	Jumper - PCB pin's	-	2.54mm	Harwin	M20-9990305	Yes	Yes
Jumper	3	Jumper, RM 2.54 mm	Jumper	-	2.54mm	Harwin	M7686-05	Yes	Yes
Pin	6	Pin 1mm	-	-	1mm	Various	Various	Yes	Yes

11/04/2010

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