



Bill of Materials for the NCP Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free	Comments
CIN	1	Capacitor	1uF/200V	10%	2020	Murata	GRM55DR72D105KW1L	Yes	Yes	
COU2	1	Capacitor	2.2uF/50V X7R	10%	1206	Kemet	C1206C225K5RACTU	Yes	Yes	
D1	1	Diode	MRA4007	NA	SMA	ON Semiconductor	MRA4007T3G	Yes	Yes	
SENS	1	Resistor	0R0	0%	402	KOA	RK73Z1ETTP	Yes	Yes	
REG1	1	Linear regulator	NCP781 15V0	3%	DFN6	ON Semiconductor	NCP781BMN150TAG	No	Yes	
Pin	1	RM 2.54 mm, PCB pin's (3)	Jumper - PCB pin's	-	2.54mm	Harwin	M20-9990305	Yes	Yes	
Jumper	1	Jumper, RM 2.54 mm	Jumper	-	2.54mm	Harwin	M7686-05	Yes	Yes	
Pin	7	Pin 1mm	-	-	1mm	Various	Various	Yes	Yes	

