



Bill of Materials for the NCV78XXXBSTR1GEVB Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1-C18	18	Ceramic Capacitor SMD	2.2µF,50V,X7R	10%	CAP1210	KEMET	C1206C225K5RAC	YES	YES
CDU	1	Ceramic Capacitor SMD	100nF, 50V, X7R	10%	CAP0603	KEMET	C0603C104K5RAC	YES	YES
RU1,RU2	2	Resistor SMD	10k, 0.1W	5%	R0603	YAGEO	RC0603JR-0710KL	YES	YES
L1,L2,L3	3	Inductor SMD	1µH, 7.5A, 7mΩ	20%	10mm x 10mm	EPCOS	B82464G4102M	YES	YES
J_BST_Lx	3	STRAIGHT HEADER TH	Dual Row 2x4 Pin		2x4 Pin, 2.54mm	WURTH	WE 613 008 211 21	YES	YES
J_BST_Rx	3	STRAIGHT HEADER TH	Dual Row 2x6 Pin		2x6 Pin, 2.54mm	WURTH	WE 613 012 211 21	YES	YES
Scope_GND	1	WIRE BRIDGE	SCOPEGND		SCOPEGND_D3082F05	Harwin	D3082F05	YES	YES
VIN_x_VOUT_x	6	(PK100) TESTPIN 200 SER.	BLACK		TESTPIN HOLE 1.0	VERO	20-2137	YES	YES
U2	1	EEPROM Serial-SPI	32K-Bit 4K X 8		TSSOP8	ON SEMICONDUCTOR	CAV25320YE-GT3	YES	YES