Bill of Materials for the LV8702VBBGEVB Evaluation Board

ON Semiconductor®

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
D1	1	Diode	-	-	SOD123	ON Semiconductor	MBR230LSFT1G	Yes	Yes
CN1,2	2	Connector for Arduino Micro	-	-	Φ1.02 x17 -2.54 pitch	HIROSUGI	FSS-41085-17	Yes	Yes
CN3	1	Connector for MD board	-	-	Φ1.02 x12 x2lines -2.54 pitch	Wurth Electronik	61302421821	Yes	Yes
CN4	1	Connector for MD board	-	-	Φ1.02 x12 -2.54 pitch	Wurth Electronik	61301211821	Yes	Yes
CN5,7,8	3	Connector Motor	-	-	Φ1.1 x4 -3.5 pitch	Wurth Electronik	6.91243E+11	Yes	Yes
CN6	1	Connector for Power Supply	-	-	Φ1.1 x2 -3.5 pitch	Wurth Electronik	691214110002S	Yes	Yes
J1	1	DC Power Jack	-	-	9.0 x 14.5	Wurth Electronik	6.94106E+11	Yes	Yes
J2	1	Pin header for UART	-	-	Φ1.1 x4 -2.54 pitch	Wurth Electronik	61300411121	Yes	Yes
C1	1	VCC Bypass Capacitor	100µF, 50V	10%	-	Wurth Electronik	8.60021E+11	Yes	Yes
PCB	1	PCB	-	-	80 x 60			No	Yes