ON Semiconductor®

Bill of Materials for the LV8806QAGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	Motor Driver			UQFN16	ON Semiconductor	LV8806QA	No	Yes
J1	1	Motor connector			Pitch 2.54mm	TE connectivity	282834-4	Yes	Yes
C1	1	Capacitor	4.7u, 25V	±10%	3216 BIG	Murata	GRM319B311E475K	Yes	Yes
C2	1	Capacitor	2200p, 50V	±10%	1608 BIG	Murata	GRM188B11H222K	Yes	Yes
C3	1	Capacitor	1000p, 50V	±10%	1608 BIG	Murata	GRM188B11H102K	Yes	Yes
R1	1	Resistor	1, 0.25W x2	±5%	2012 BIG	Rohm	MCR10EZHFL1R00	Yes	Yes
R2 R4 R6-7	4	Resistor	100, 0.1W	±5%	1608 BIG	Koa	RK73B1JTxxxJ	Yes	Yes
R3 R5	2	Resistor	10k, 0.1W	±5%	1608 BIG	Koa	RK73B1JTxxxJ	Yes	Yes