

Bill of Materials for the LV8716QAGEVK Evaluation Board



Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
IC1	1	Motor Driver	-	-	QFN16(3.0*3.0)	ON semiconductor	LV8716QA	No	Yes
R1	1	Ch1 output current detective Resistor	4.3kΩ,0.1W	±5%	1608(0603Inch)	KOA	RK73B1JT432J	Yes	Yes
R2	1	Ch2 output current detective Resistor	4.3kΩ,0.1W	±5%	1608(0603Inch)	KOA	RK73B1JT432J	Yes	Yes
C1	1	VM bypass Capacitor	10μF, 50V	±20%	-	SUN Electronic Industries	50ME10HC	Yes	Yes
Daughter Board	1	Interface board	-	-	-	ON semiconductor	-	No	Yes
CN-A1,A2,B	3	Female Socket	-	-	-	MAC8	PM-61	Yes	Yes
CON1	1	Motor Connector	-	-	-	PHOENIX CONTACT	MPT 0,5/4-2,54	Yes	Yes
TP1-5	5	Test Point	-	-	-	MAC8	ST-1-3	Yes	Yes
USB cable	1	A-MiniB	-	-	-	-	-	Yes	Yes
Ref Motor	1	Stepper Motor	-	-	-	NIDEC SANKYO Corporation	MSCA020A55	Yes	Yes