



Bill of Materials for the NCV70516R1DAGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Electrolytic Capacitor SMD	47 μ F, 50V	20%	6.3x7.7mm	NICHICON	UUD1H470MCL1GS	YES	YES
C2,C3,C4	3	Ceramic Capacitor SMD	100nF, 50V, X7R	10%	CAP0603	KEMET	C0603C104K5RAC	YES	YES
C5,C6,C7,C8	4	Ceramic Capacitor SMD	1nF, 50V, X7R	10%	CAP0603	EPCOS	B37931K5102K60	YES	YES
CON1	1	Connector	14WAY/2x7/Plug		14WAY/2x7/2.0mm	HARWIN	M80-8541442	YES	YES
CON2	1	Connector	12WAY/2x6/Plug		12WAY/2x6/2.0mm	HARWIN	M80-8541242	YES	YES
U1	1	SPI Stepper Motor Driver	NCV70516		QFN24 5x5 0.65mm	ON SEMICONDUCTOR	NCV70516MW1AR2G	NO	YES