



Bill of Materials for the NCV896530GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CFT1, CFT2	2	CAP CER 18PF 50V 5% NP0 0603	18pF	5%	0603	Murata Electronics North America	GRM1885C1H180JA01D	Yes	Yes
C1, C2, C3	3	CAP CER 10UF 10V 10% X7R 0805	10uF	10%	0805	Murata Electronics	GRM21BR71A106KE51L	Yes	Yes
J1, J2	2	CONN HEADER 2POS .100 VERT GOLD	N/A	N/A	JMP	Molex Connector	22-28-4023	Yes	Yes
	2	CONN JUMPER SHORTING GOLD	N/A	N/A	N/A	Sullins Connector	SSC02SYAN	Yes	Yes
L1, L2	2	INDUCTOR POWER 2.2UH 2.9A SMD	2.2uH	20%	WE-PD-S	Wurth Electronics Inc	7447785002	No	Yes
RA1, RA3	2	TRIMMER 10K OHM 0.25W SMD	10K POT	20%	PVG3A POT	Murata Electronics	PVG3A103C01R00	Yes	Yes
RA2, RA4	2	TRIMMER 500K OHM 0.25W SMD	500K POT	20%	PVG3A POT	Murata Electronics	PVG3A504C01R00	Yes	Yes
REN1, REN2	2	Resistor SMD	10.0K	1%	0603	Vishay/Dale	CRCW060310K0FKEA	Yes	Yes
RFB1, RFB3	2	Resistor SMD	220K	1%	0603	Vishay/Dale	CRCW0603220KFKEA	Yes	Yes
RFB2, RFB4	2	Resistor SMD	46.4K	1%	0603	Vishay/Dale	CRCW060346K4FKEA	Yes	Yes
RPOR1	1	Resistor SMD	510K	1%	0603	Vishay/Dale	CRCW0603510KFKEA	Yes	Yes
RSYNC1	1	Resistor SMD	2.00M	1%	0603	Vishay/Dale	CRCW06032M00FKEA	Yes	Yes
TP1 thur TP15	15	PIN INBOARD .042" HOLE 1000/PKG	N/A	N/A	TP	Vector Electronics	K24C/M	Yes	Yes
U1	1	2.1 MHz Low Voltage Dual	N/A	N/A	10PINDFNP5	ON Semiconductor	NCV896530	No	Yes