



Bill of Materials for the NCV705XXLITEGEVK Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Ceramic Capacitor SMD	100pF, 50V, NP0	5%	CAP0805	YAGEO	CC0805JRNPO9BN101	YES	YES
C2	1	Ceramic Capacitor SMD	10nF, 50V, X7R	10%	CAP0805	YAGEO	CC0805KRX7R9BB103	YES	YES
C3,C4,C5,C6	4	Ceramic Capacitor SMD	10nF, 50V, X7R	10%	CAP0805	YAGEO	CC0805KRX7R9BB103	YES	YES
R1	1	Resistor SMD	2k0, 0.1W	1%	R0805	MULTICOMP PRO	MCWR08X2001FTL	YES	YES
R2	1	Resistor SMD	10k, 0.1W	1%	R0805	MULTICOMP PRO	MCWR08X1002FTL	YES	YES
R3,R4	2	Resistor SMD	0R, 0.1W	1%	R0805	WELWYN	WCR0805-R005JI	YES	YES
D1	1	Diode	60V, 3A		DPAK	ON Semiconductor	MBRD360	YES	YES
CON1	1	Connector	14WAY/2x7/Socket		14WAY/2x7/2.0mm	HARWIN	M80-8501445	YES	YES
CON2	1	Connector	12WAY/2x6/Socket		12WAY/2x6/2.0mm	HARWIN	M80-8501245	YES	YES
J_ONMCU_	2	Header socket	1x17/2.54mm/Socket		1x17/2.54mm	SAMTEC	SSW-117-01-T-S	YES	YES
J1	1	Power Jack 2.5mm	DC, 250V, 5A		PWR JACK 2.5mm	SWITCHCRAFT	RAPC712X	YES	YES
J2,J3	2	Terminal Block	2pins/5.08mm/Header		2pins/5.08mm	WURTH	691313510002	YES	YES
J2 ,J3	2	Terminal Block Pluggable	2pins/5.08mm/12AWG			CAMDENBOSS	CTB9209/2	YES	YES
VBAT	1	Banana RED 4mm	4mm PCB Socket/10A		Banana	DELTRON	571-0500-01	YES	YES
GND	1	Banana BLACK 4mm	4mm PCB Socket/10A		Banana	DELTRON	571-0100-01	YES	YES
SCOPEGND	1	Shorting Link Plug	10.16mm pitch/Gold		SCOPEGND	HARWIN	D3082-05	YES	YES