



Designator	QA	Description	Value	Tol.	Footprint	Manufacturer	Manufacturer part no.	Substitution allowed	Lead free
IC1	1	LDO regulator	N/A	N/A	TSOP-5	ON Semiconductor	NCP730ASNADJT1G	Yes ¹	Yes
CIN2, COUT2	2	Ceramic capacitor, X7R	1 μ F/50V	\pm 10%	1206	Kemet	C1206C105K5RECTU	Yes	Yes
CFF	1	Ceramic capacitor, NPO	1nF/50V	\pm 10%	0805	Vishay / Vitramon	VJ0805A102KXAAC	Yes	Yes
R1	1	Resistor	2M4	\pm 1%	0805	Vishay / Dale	CRCW08052M40FKEA	Yes	Yes
R2	1	Resistor	750k	\pm 1%	0805	Vishay / Dale	CRCW0805750KFKEA	Yes	Yes
REN	1	Resistor	10k	\pm 1%	0805	Vishay / Dale	CRCW080510K0FKEAC	Yes	Yes
JP5	1	Pin header	3 pin	N/A	2.54 mm	Various	Various	Yes	Yes
X1-3	0	Place for SMB connector (not assembled)	N/A	N/A	N/A	N/A	N/A	Yes	Yes

Non-listed components are optional.

¹ Default LDO regulator NCP730ASNADJ (TSOP-5, ADJ version) could be replaced by another type from NCP730ASN family (for example NCP730ASN500T1G, TSOP-5, FIX version 5.0V). When LDO type is changed from ADJ to FIX version then R1, R2 and CFF components should be removed.