



Designator	QA	Description	Value	Tol.	Footprint	Manufacturer	Manufacturer part no.	Substitution allowed	Lead free
IC1	1	LDO regulator	N/A	N/A	DFN-6	ON Semiconductor	NCV8730BMTWADJTBG	Yes <sup>1</sup>	Yes
CIN2, COUT2	2	Ceramic capacitor, X7R	1 $\mu$ F/50V	$\pm$ 10%	1206	Kemet	C1206C105K5RECTU	Yes	Yes
CFF	1	Ceramic capacitor, NPO	330pF	$\pm$ 10%	0805	Kemet	C0805C331J5GAC	Yes	Yes
R1	1	Resistor	470k	$\pm$ 1%	0805	Vishay / Dale	CRCW0805470KFKEA	Yes	Yes
R2	1	Resistor	150k	$\pm$ 1%	0805	Vishay / Dale	CRCW0805150KFKEA	Yes	Yes
REN	1	Resistor	10k	$\pm$ 1%	0805	Vishay / Dale	CRCW080510K0FKEAC	Yes	Yes
RPG	1	Resistor	100k	$\pm$ 1%	0805	Vishay / Dale	CRCW0805100KFKEAC	Yes	Yes
JP5	1	Pin header	3 pin	N/A	2.54 mm	Various	Various	Yes	Yes
JP6	1	Pin header	2 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.

<sup>1</sup> Default LDO regulator NCV8730BMTWADJTBG (DFN-6, ADJ version) could be replaced by another type from NCP730BMT/NCV8730BMTW family (for example NCP730BMT500TBG, DFN-6, FIX version 5.0V). When LDO type is changed from ADJ to FIX version then R1, R2 and CFF components should be removed.