

**STEVAL-IMR002V1**

**2 kW MRI part list**

<b>Component ID</b>	<b>Value</b>	<b>Manufacturer</b>	<b>Part Code</b>
C12, C13, C6	1000 µF, 100V	PANASONIC	ECA2AM102
C10, C11, C52, C53	100nF	MURATA	GCM188R71E104KA57D
C28	4.7 µF, 100V	TDK	CKG57NX7R1E226M
C29	15 µF, 100V	MURATA	KRM552R72A156M
C15, C51	10 µF, 35V	Kemet	T494D106K035AT
C3,C47	100 µF, 20V	Kemet	T491X107K020AT
C4, C7, C48, C49	22 µF, 25V	MURATA	GRM32ER61E226ME15
C18, C41	300 pF	ATC	ATC100B301FWN200XC
C16, C20, C36, C45	68 pF	ATC	ATC800A680JTN250X
C30	1000 pF	ATC	ATC100B102FWN300XC
C57, C58	3.3 pF	ATC	ATC100B3R3BW1500XT
C8, C31, C32, C50	470 pF	ATC	ATC 100B 471FWN200XC
C2, C17, C24, C34, C40, C55, C59, C60, C61, C62, C63, C64	2000 pF	ATC	ATC 200A202KTN50C
C9, C14	1µF, 100V	AVX	22201C105KAT2A
C33	1µF, 100V	AVX	12101C105K4Z2A
C21	18 pF	ATC	ATC100B180FWN1500XT
C25	75 pF	ATC	ATC100B750FWN1500XC
C26, C23	100 pF	ATC	ATC100B101FWN1500XC
C37, C42	56 pF	ATC	ATC100B560FWN1500XC
L10	700 nH	COILCRAFT	CP-K0376-A
L2, L5, L13, L15	82 nH	COILCRAFT	1515SQ-82NJEB
L3, L14	110nH	COILCRAFT	132-10SMJ
L4, L8, L12, L16	5.4 nH	COILCRAFT	0906-5JLB
R1, R5, R28, R30	50 Ω, 100 W	ANAREM	C100N50Z4
R9	5600 Ω	TYCO ELECTRONICS	SMF25K6JT
R13	22 Ω	TYCO ELECTRONICS	SMW222RJT
R7, R29	100 Ω	PANASONIC	ERJP14J101U
R11, R22	4.7 Ω	VISHAY	4.7 Ohm -1206
R3, R24	43 Ω	PANASONIC	ERJP14J430U
R32, R33, R34, R35	27 Ω	PANASONIC	ERJP14J270U
R4, R16, R17, R31	20 Ω	PANASONIC	ERJP14J200U
R6, R8, R10, R12, R14, R15, R19, R20, R21 ,R25 ,R26, R27	1 Ω	Phycomp	232271111108
Rm x 2	0.001 mΩ	TYCO ELECTRONICS	TL3A R001 1%

**STEVAL-IMR002V1****2 kW MRI part list (continued)**

<b>Component ID</b>	<b>Value</b>	<b>Manufacturer</b>	<b>Part Code</b>
1P_J3	1 polo doppio	Wieland	25.700.0153.0
Spacer_J3	Spacer	Wieland	07.300.2753.0
3P_J1,J2	3 poli	Phoenix Contact	1725669
P2	N_Female	Telegartner	J01021A1084
P1	SMA_Female	RADIALL	R124.510.000W
(Q1-Q2)/(Q3-Q4)	STAC4932B	STMicroelectronics	STAC4932B
D1	LED	Kingbright	KP-1608SURC