

Description	Designator	Footprint	LibRef	Quantity	Manufacturer
Printed Circuit Board	PCB1		PCB	1	Any
CAP, CERM, 4.7 pF, 50 V, +/- 1%, COG/NP0, 0402	C1, C11, C12, C21, C22, C34	0402	GRM1555C1H4R7WA01D	6	MuRata
CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, 0603	C2, C4, C13, C23, C24, C26, C52, C57, C58, C59	0603	GRM188R71C104KA01D	10	MuRata
CAP, CERM, 220 pF, 50 V, +/- 10%, X7R, 0603	C3, C6, C8, C14, C16, C18, C25, C29, C31, C47, C53	0603	GRM188R71H221KA01D	11	MuRata
CAP, CERM, 47 pF, 25 V, +/- 5%, COG/NP0, 0402	C5, C9, C15, C19, C28, C32	0402	GRM1555C1E470JA01D	6	MuRata
CAP, CERM, 100 pF, 100 V, +/- 5%, COG/NP0, 0603	C7, C17, C30	0603	GRM1885C2A101JA01D	3	MuRata
CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, 0402	C10, C20, C27, C33	0402	GRM155R71C104KA88D	4	MuRata
CAP, CERM, 0.1µF, 25V, +/-10%, X5R, 0603	C35, C38, C41, C44	0603	06033D104KAT2A	4	AVX
CAP, CERM, 330pF, 50V, +/-10%, X7R, 0603	C36, C37, C39, C40, C42, C43, C45, C46	0603	GRM188R71H331KA01D	8	MuRata
CAP, CERM, 4700 pF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	C48	0603	GCM188R71H472KA37D	1	MuRata
CAP, CERM, 1000 pF, 25 V, +/- 5%, COG/NP0, 0603	C49, C51	0603	GRM1885C1E102JA01D	2	MuRata
CAP, CERM, 1 µF, 20 V, +/- 10%, X5R, 0805	C50, C61, C63, C65	0805_HV	TMK212BJ105KG-T	4	Taiyo Yuden
CAP, CERM, 1200 pF, 50 V, +/- 5%, COG/NP0, 0603	C54	0603	GRM1885C1H122JA01D	1	MuRata
CAP, CERM, 0.047 µF, 100 V, +/- 10%, X7R, 0805	C55	0805_HV	GRM21BR72A473KA01L	1	MuRata
CAP, CERM, 2.2 µF, 20 V, +/- 10%, X5R, 0805	C56	0805_HV	TMK212BJ225KG-T	1	Taiyo Yuden
CAP, CERM, 10 µF, 25 V, +/- 10%, X5R, 0805	C60, C62, C64	0805_HV	GRM21BR61E106KA73L	3	MuRata
Diode, Schottky, 70 V, 0.07 A, SOD-523	D1, D2, D4, D5, D6, D7, D9, D10, D11, D12, D14, D15	SOD-523	1PS795B70,115	12	NXP Semiconductor
Diode, Schottky, 40 V, 0.35 A, SOD-523	D3, D8, D13	SOD-523	ZHCS350TA	3	Diodes Inc.
LED, Green, SMD	D16, D17	WL-SMCW_GREEN	150060GS75000	2	Würth Elektronik
LED, Green, SMD	D18	LG L29K_GREEN	LG L29K-G2J1-24-Z	1	OSRAM
Receptacle, 2.54mm, 10x2, Gold, TH	J1, J2	Samtec_SSW-110-x1-x-D	SSW-110-21-S-D	2	Samtec
Header, 100mil, 3x1, Gold, TH	J5, J9	TSW-103-07-G-S	TSW-103-07-G-S	2	Samtec
Header (Shrouded), 2.5mm, 2x1, Tin, TH	J6, J16	JST_B2B-EH-A	B2B-EH-A(LF)(SN)	2	JST Manufacturing
Header(shrouded), 2.54mm, 4x2, Gold, TH	J7, J8, J14	Molex_70246-0801	70246-0801	3	Molex
Header, 100mil, 4x1, Gold, TH	J10	TSW-104-07-G-S	TSW-104-07-G-S	1	Samtec
Header, 100mil, 2x1, Gold, TH	J11, J12, J13, J15	TSW-102-07-G-S	TSW-102-07-G-S	4	Samtec
Header, 100mil, 7x1, Gold, TH	J17	TSW-107-07-G-S	TSW-107-07-G-S	1	Samtec
Inductor, Shielded, Ferrite, 22 µH, 0.013 A, 0.455 ohm, SMD	L1, L2	0805_HV	LQM21FN220N00L	2	MuRata
RES, 8.45 k, 0.1%, 0.063 W, 0402	R1, R9, R10, R19, R22, R33	0402	ERA-2AEB8451X	6	Panasonic
RES, 100, 5%, 0.063 W, 0402	R2, R6, R7, R11, R15, R16, R24, R30	0402	CRCW0402100RJNED	8	Vishay-Dale
RES, 3.30 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0402	R3, R8, R12, R18, R25, R32	0402	ERJ-2RKF3301X	6	Panasonic
RES, 120, 5%, 0.1 W, 0603	R4, R13, R26, R38, R53	0603	CRCW0603120RJNEA	5	Vishay-Dale
RES, 10.0, 1%, 0.063 W, 0402	R5, R14, R23, R27	0402	CRCW040210R0FKED	4	Vishay-Dale
RES, 1.00 k, 1%, 0.063 W, 0402	R17, R20	0402	CRCW04021K00FKED	2	Vishay-Dale
RES, 1.0, 5%, 0.063 W, 0402	R21	0402	CRCW04021R00JNED	1	Vishay-Dale
RES, 20.0, 1%, 0.063 W, 0402	R28	0402	CRCW040220R0FKED	1	Vishay-Dale
RES, 26.7 k, 1%, 0.063 W, 0402	R29	0402	CRCW040226K7FKED	1	Vishay-Dale
RES, 549 k, 1%, 0.063 W, 0402	R31	0402	CRCW0402549KFKED	1	Vishay-Dale
RES, 10 ohm, 5%, 0.25W, 0603	R34, R39, R42, R47, R49, R55, R58, R63	0603	CRCW060310R0JNEAHP	8	Vishay-Dale
RES, 4.7k ohm, 5%, 0.1W, 0603	R35, R40, R41, R43, R44, R45, R46, R50, R56, R57, R59, R60, R61, R64	0603	CRCW06034K70JNEA	14	Vishay-Dale
RES, 22 ohm, 5%, 0.1W, 0603	R36, R51	0603	CRCW060322R0JNEA	2	Vishay-Dale
RES, 0, 5%, 0.1 W, 0603	R37, R52	0603	CRCW06030000Z0EA	2	Vishay-Dale

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