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Instructions

Fill in the cells with the YELLOW highlight. **Do not edit red cells.** WE WILL ADJUST THE MULTIPLIER TO ACCOUNT FOR MULTIPLE BOARDS, YOU SHOULD NC OR the Mouser Part #, DO NOT fill out both. Choose the cheapest distributor that has the part in stock. If the part is not in stock by the time we order par not purchase it. For any **approved Amazon or Adafruit parts,** leave Digi-key and Mouser Part# columns blank like the example. For **approved Amazon** part Product Information Section) for Manufacturer Part # in the format "Amazon - ##########". For **approved Adafruit parts,** put the Product ID for Manufac "Adafruit - ####".

Qty (for 1 board)	Manufacturer Part #	Digi-key Part#/SKU	Mouser Part#/SKU	Price/unit ($)	Purchase URL	Reference Designator
1	LM2940IMP-15/NOPB	LM2940IMP-15/NOPB-ND	LM2940IMP-15/NOPBCT-NI		$1.84	https://www.digik	U1
1	LM7915CT/NOPB-ND	LM7915CT/NOPB-ND			$1.67	https://www.digik	U2
1	AP63203WU-7	AP63203WU-7DICT-ND			$1.32	https://www.digik	U3
1	MDB10S	MDB10SFSCT-ND			$0.53	https://www.digik	D1
1	BV201S15006	3388-BV201S15006-ND			$3.88	https://www.digik	T1
1	860010672004	732-8656-1-ND			$0.10	https://www.digik	C1
3	860020372002	732-8789-1-ND			$0.10	https://www.digik	C2, C32, C33
1	860020672006	732-8852-1-ND			$0.10	https://www.digik	C3
1	860020672005	732-8851-1-ND			$0.10	https://www.digik	C4
2	GMC21X5R226M16NT	4713-GMC21X5R226M16N			$0.16	https://www.digik	C5, C6
1	CL10A106MQ8NNNC	1276-1119-1-ND			$0.10	https://www.digik	C35
1	CDRH5D28NP-3R0NC	308-2177-1-ND			$0.48	https://www.digik	L1
1	AP63205WU-7	AP63205WU-7DICT-ND			$1.32	https://www.digik	U6
1	WCLA3225V1-4R7-R	283-WCLA3225V1-4R7-RCT			$0.32	https://www.digik	L2
1	OPA2134UA/2K5	296-22024-1-ND			$5.33	https://www.digik	U4
1	LM1875T/NOPB	LM1875T/NOPB-ND			$1.89	https://www.digik	U5
3	GMC10X5R106M10NT	4713-GMC10X5R106M10N			$0.10	https://www.digik	C7, C8, C10
1	C0603C472K4RECAUTO	399-17879-1-ND			$0.13	https://www.digik	C9
7	CC0603KRX7R7BB104	311-1088-1-ND			$0.10	https://www.digik	C13, C15, C31, (
1	CL10A475KP8NNNC	1276-1044-1-ND			$0.10	https://www.digik	C11
1	CL10B333KC8WPNC	1276-CL10B333KC8WPNCC			$0.11	https://www.digik	C17
3	860040674004	732-9187-1-ND			$0.34	https://www.digik	C12, C14, C16
1	ERJ-3EKF1000V	P100HCT-ND			$0.10	https://www.digik	R2
1	RC0603FR-0747KL	311-47.0KHRCT-ND			$0.10	https://www.digik	R3

Qty	Part	Digikey PN	Price	Link	References
3	ERA-3AEB122V	P1.2KDBCT-ND	$0.14	https://www.digik	R4, R8, R10
1	RMCF0603JT10K0	RMCF0603JT10K0CT-ND	$0.10	https://www.digik	R5
1	RC0603FR-071ML	311-1.00MHRCT-ND	$0.10	https://www.digik	R6
1	ERA-3AEB223V	P22KDBCT-ND	$0.14	https://www.digik	R7
7	ERJ-3EKF2002V	P20.0KHCT-ND	$0.10	https://www.digik	R9, R11, R12, R…
1	RC0603FR-071KL	311-1.00KHRCT-ND	$0.10	https://www.digik	R1
1	CTW-3414-204SE	2223-CTW-3414-204SE-ND	$8.30	https://www.digik	LS1
1	PJ-002B	CP-002B-ND	$0.66	https://www.digik	J1
14	CL10B105KP8NNNC	1276-1946-1-ND	$0.10	https://www.digik	C18, C19, C20, C…
1	RMCF0603JT10K0	RMCF0603JT10K0CT-ND	$0.10	https://www.digik	R22
1	PCM5102APWR	296-36707-1-ND	$4.95	https://www.digik	U12
1	PCM1808PWR	296-26307-1-ND	$1.66	https://www.digik	U13
1	ESP32-S2-SOLO-2-N4	1965-ESP32-S2-SOLO-2-N4[	$2.40	https://www.digik	U10
1	10118193-0001LF	609-4616-1-ND	$0.54	https://www.digik	J2
2	RC0603FR-075K1L	311-5.10KHRCT-ND	$0.10	https://www.digik	R20, R21
3	AOZ9510QI	785-AOZ9510QICT-ND	$1.56	https://www.digik	U7, U8, U9
3	D1WEL0805MR006F-T5	4463-D1WEL0805MR006F-	$0.28	https://www.digik	R13, R16, R19