

Reference	Quantity	Description	Manufacturer P/N	Vendor	Link
U4	1	IC REG BUCK ADJUSTABLE 4A 16VQFN	TLV62095RGTR	Digikey	https://www.digikey.com/product-detail/en/texas-instruments/TLV62095RGTR/296-46277-1-ND/7033452
U5	1	IC REG BOOST 5V 4A 10VSON	TPS61232DRCR	Digikey	https://www.digikey.com/product-detail/en/texas-instruments/TPS61232DRCR/296-44498-1-ND/6110782
U6	1	IC MCU 8BIT 7KB FLASH 16UQFN	PIC16F15324T-I/JQ	Digikey	https://www.digikey.com/product-detail/en/microchip-technology/PIC16F15324T-I-JQ/PIC16F15324T-I-JQCT-ND/7346310
U7	1	IC NVDC CHARGER I2C 24WQFN	BQ25895MRTWR	Digikey	https://www.digikey.com/products/en?keywords=296-42447-1-ND%09
R4 R8	0	RES SMD 44.2K OHM 1% 1/10W 0603	RC0603FR-0744K2L	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-0744K2L/311-44.2KHRCT-ND/730188
	2	RES SMD 160K OHM 1% 1/10W 0603	RC0603FR-07160KL	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-07160KL/311-160KHRCT-ND/729920
	0	RES SMD 75K OHM 1% 1/10W 0603	RC0603FR-0775KL	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-0775KL/311-75.0KHRCT-ND/730325
	0	RES SMD 200K OHM 1% 1/10W 0603	RC0603FR-07200KL	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-07200KL/311-200KHRCT-ND/729991
R7	1	RES SMD 510K OHM 1% 1/10W 0603	RC0603FR-07510KL	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-07510KL/311-510KHRCT-ND/730233
R9 R10 R11	3	RES 1.2K OHM 1% 1/10W 0603	RMCF0603FT1K20	Digikey	https://www.digikey.com/product-detail/en/stackpole-electronics-inc/RMCF0603FT1K20/RMCF0603FT1K20CT-ND/1942999
R12 R13 R17 R18	4	RES SMD 10K OHM 1% 1/10W 0603	RC0603FR-0710KL	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-0710KL/311-10.0KHRCT-ND/729827
R14	1	RES SMD 261 OHM 1% 1/10W 0603	RC0603FR-07261RL	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-07261RL/311-261HRCT-ND/730042
R15 R16	2	RES SMD 4.7K OHM 1% 1/10W 0603	RC0603FR-074K7L	Digikey	https://www.digikey.com/product-detail/en/yageo/RC0603FR-074K7L/311-4.70KHRCT-ND/730159
C7 C12 C16 C17 C18 C19 C20	7	CAP CER 22UF 6.3V X5R 0805	CL21A226MQQNNNE	Digikey	https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL21A226MQQNNNE/1276-1100-1-ND/3889186
C8	1	CAP CER 10000PF 50V X7R 0603	06035C103KAT4A	Digikey	https://www.digikey.com/product-detail/en/avx-corporation/06035C103KAT4A/478-10055-1-ND/6564278
C21	1	CAP CER 1UF 25V X7R 0805	GCM21BR71E105KA56L	Digikey	https://www.digikey.com/product-detail/en/murata-electronics-north-america/GCM21BR71E105KA56L/490-4785-1-ND/1641704
C22	1	CAP CER 0.1UF 25V X5R 0603	CL10A104KA8NNNC	Digikey	https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL10A104KA8NNNC/1276-1857-1-ND/3889943
C23	1	CAP CER 0.047UF 25V X7R 0603	C0603C473K3RACTU	Digikey	https://www.digikey.com/product-detail/en/kemet/C0603C473K3RACTU/399-7931-1-ND/3471654
C24 C26 C27 C28	4	CAP CER 10UF 16V X5R 0805	CL21A106KOQNNNG	Digikey	https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL21A106KOQNNNG/1276-6455-1-ND/5958083
C25	1	CAP CER 4.7UF 16V X5R 0603	CL10A475KO8NNNC	Digikey	https://www.digikey.com/product-detail/en/samsung-electro-mechanics/CL10A475KO8NNNC/1276-1784-1-ND/3889870
L4 L5	2	FIXED IND 1UH 5.1A 27 MOHM SMD	MDWK4040T1R0MM	Digikey	https://www.digikey.com/product-detail/en/taibo-yuden/MDWK4040T1R0MM/587-4447-1-ND/5880037
L6	1	FIXED IND 2.2UH 8A 20 MOHM SMD	ASPI-0630HI-2R2M-T15	Digikey	https://www.digikey.com/product-detail/en/abracon-llc/ASPI-0630HI-2R2M-T15/ASPI-0630HI-2R2M-T15CT-ND/3060148