

Qty	Ref Des	Supply Version	Description	Manufacturer	Mfg PN	Vendor	Vendor PN	Cost Ea	Cost Ext	Alternates
		15VA 5-7VDC	Electrolytic Cap Snap-In 10000uF 16V 25mmx25mm	Nichicon	LGU1C103MELA	Mouser	647-LGU1C103MELA	\$ 3.73	\$ 14.92	Any same max size & min voltage, capacitance
		15VA 7-10VDC	Electrolytic Cap Snap-In 10000uF 16V 25mmx25mm	Nichicon	LGU1C103MELA	Mouser	647-LGU1C103MELA	\$ 3.73	\$ 14.92	Any same max size & min voltage, capacitance
		15VA 10-13VDC	Electrolytic Cap Snap-In 6800uF 25V 25mmx25mm	Nichicon	LGU1E682MELA	Mouser	647-LGU1E682MELA	\$ 3.73	\$ 14.92	Any same max size & min voltage, capacitance
		15VA 13-18VDC	Electrolytic Cap Snap-In 6800uF 25V 25mmx25mm	Nichicon	LGU1E682MELA	Mouser	647-LGU1E682MELA	\$ 3.73	\$ 14.92	Any same max size & min voltage, capacitance
		15VA 13-22VDC	Electrolytic Cap Snap-In 4700uF 35V 25mmx25mm	CDE	SLPX472M035C1P3	Mouser	598-SLPX472M035C1P3	\$ 2.35	\$ 9.40	Any same max size & min voltage, capacitance
		15VA 22-28VDC	Electrolytic Cap Snap-In 4700uF 35V 25mmx25mm	CDE	SLPX472M035C1P3	Mouser	598-SLPX472M035C1P3	\$ 2.35	\$ 9.42	Any same max size & min voltage, capacitance
		25VA 5-7VDC	Electrolytic Cap Snap-In 15000uF 16V 25mmx35mm	CDE	SLPX153M016C3P3	Mouser	598-SLPX153M016C3P3	\$ 2.67	\$ 10.68	Any same max size & min voltage, capacitance
		25VA 7-10VDC	Electrolytic Cap Snap-In 15000uF 16V 25mmx35mm	CDE	SLPX153M016C3P3	Mouser	598-SLPX153M016C3P3	\$ 2.67	\$ 10.68	Any same max size & min voltage, capacitance
		25VA 10-13VDC	Electrolytic Cap Snap-In 10000uF 25V 25mmx35mm	CDE	SLPX103M025C3P3	DigiKey	338-4409-ND	\$ 2.71	\$ 10.84	Any same max size & min voltage, capacitance
		25VA 13-18VDC	Electrolytic Cap Snap-In 10000uF 25V 25mmx35mm	CDE	SLPX103M025C3P3	DigiKey	338-4409-ND	\$ 2.71	\$ 10.84	Any same max size & min voltage, capacitance
		25VA 18-22VDC	Electrolytic Cap Snap-In 6800uF 35V 25mmx35mm	CDE	SLPX682M035C3P3	Mouser	598-SLPX682M035C3P3	\$ 2.88	\$ 11.52	Any same max size & min voltage, capacitance
		25VA 22-28VDC	Electrolytic Cap Snap-In 6800uF 35V 25mmx35mm	CDE	SLPX682M035C3P3	Mouser	598-SLPX682M035C3P3	\$ 2.88	\$ 11.52	Any same max size & min voltage, capacitance
		All	Electrolytic Cap Raial 1000uF 35V 13mm dia 5mm LS	Nichicon	UKW1V102MHD	Mouser	647-UKW1V102MHD	\$ 1.22	\$ 4.88	UKW1V102MHDTO, others
		All	Electrolytic Cap 10uF 35V 5mm dia 2mm LS	Nichicon	UPS1V100MDD	Mouser	647-UPS1V100MDD	\$ 0.34	\$ 0.68	Any same max size, same capacitance
		All	Schottky Rectifier 10A 45V TO-220FP	Vishay	MBRF1045-E3/45	Mouser	625-MBRF1045-E3	\$ 1.34	\$ 10.72	Any MBR1045 type
		All	Fuse Holder 5x20mm 22.5mm LS	Keystone	4628	Mouser	534-4268	\$ 0.69	\$ 0.69	
		15VA 120VAC	Fuse 5mm x 20mm 200mA 250V Type T	Schurter	0034.3110	Mouser	693-0034.3110	\$ 0.63	\$ 0.63	Other 5x20mm slow blow
		15VA 240VAC	Fuse 5mm x 20mm 100mA 250V Type T	Schurter	0034.3107	Mouser	693-0034.3107	\$ 0.61	\$ 0.61	Other 5x20mm slow blow
		25VA 120VAC	Fuse 5mm x 20mm 315mA 250V Type T	Schurter	0034.3112	Mouser	693-0034.3112	\$ 0.46	\$ 0.46	Other 5x20mm slow blow
		25VA 240VAC	Fuse 5mm x 20mm 160mA 250V Type T	Schurter	0034.3109	Mouser	693-0034.3109	\$ 0.69	\$ 0.69	Other 5x20mm slow blow
		15VA	Heatsink Extruded 1.65" x 1" x 1" Tall	Wakefield	657-10ABPE	Mouser	567-657-10ABPE	\$ 1.21	\$ 2.42	Aavid 529702B02500G
		25VA	Heatsink Extruded 1.65" x 1" x 1.5" Tall	Wakefield	657-15ABPE	Mouser	567-657-15ABPE	\$ 1.50	\$ 3.00	Aavid 529802B02500G
		All	Soldered Wire Jumpers					\$ -	\$ -	
		All	4.7uH 15-20mOhms Radial 10mm(max) dia 5mm LS	Würth	744772047	Mouser	710-744772047	\$ 0.99	\$ 1.98	Any that fit, 15 mohm <i>minimum</i> resistance
		All	Dual Staked LED 3mm RA PCB	Kingbright	WP934MD/2GD	Mouser	604-WP934MD/2GD	\$ 1.04	\$ 1.04	Can use 1 or 2 discrete 3mm LEDs
		All	Resistor 121 ohm 1% 1/4W	Yageo	MFR-25FBF52-121R	Mouser	603-MFR-25FBF52-121R	\$ 0.12	\$ 0.24	Any 1/4W 1%
		5-7VDC	Resistor 357 ohm 1% 1/4W	Yageo	MFR-25FBF52-357R	Mouser	603-MFR-25FBF52-357R	\$ 0.12	\$ 0.24	Any 1/4W 1%
		7-10VDC	Resistor 536 ohm 1% 1/4W	Yageo	MFR-25FBF52-536R	Mouser	603-MFR-25FBF52-536R	\$ 0.12	\$ 0.24	Any 1/4W 1%
		10-13VDC	Resistor 825 ohm 1% 1/4W	Yageo	MFR-25FBF52-825R	Mouser	603-MFR-25FBF52-825R	\$ 0.12	\$ 0.24	Any 1/4W 1%
		13-18VDC	Resistor 1.13k ohm 1% 1/4W	Yageo	MFR-25FBF52-1K13	Mouser	603-MFR-25FBF52-1K13	\$ 0.12	\$ 0.24	Any 1/4W 1%
		18-22VDC	Resistor 1.5k ohm 1% 1/4W	Yageo	MFR-25FBF52-1K5	Mouser	603-MFR-25FBF52-1K5	\$ 0.12	\$ 0.24	Any 1/4W 1%
		22-28VDC	Resistor 2k ohm 1% 1/4W	Yageo	MFR-25FBF52-2K	Mouser	603-MFR-25FBF52-2K	\$ 0.12	\$ 0.24	Any 1/4W 1%
		5-7VDC	Resistor 620 ohm 1% 1/4W	Yageo	MFR-25FBF52-620R	Mouser	603-MFR-25FBF52-620R	\$ 0.12	\$ 0.24	Any 1/4W 1%
		7-10VDC	Resistor 1k ohm 1% 1/4W	Yageo	MFR-25FBF52-1K	Mouser	603-MFR-25FBF52-1K	\$ 0.12	\$ 0.24	Any 1/4W 1%
		10-13VDC	Resistor 1.5k ohm 1% 1/4W	Yageo	MFR-25FBF52-1K5	Mouser	603-MFR-25FBF52-1K5	\$ 0.12	\$ 0.24	Any 1/4W 1%
		13-18VDC	Resistor 2k ohm 1% 1/4W	Yageo	MFR-25FBF52-2K	Mouser	603-MFR-25FBF52-2K	\$ 0.12	\$ 0.24	Any 1/4W 1%
		18-22VDC	Resistor 3k ohm 1% 1/4W	Yageo	MFR-25FBF52-3K	Mouser	603-MFR-25FBF52-3K	\$ 0.12	\$ 0.24	Any 1/4W 1%
		22-28VDC	Resistor 3.9k ohm 1% 1/4W	Yageo	MFR-25FBF52-3K9	Mouser	603-MFR-25FBF52-3K9	\$ 0.12	\$ 0.24	Any 1/4W 1%
		5-7VDC	Trimpot 1/4" 12T Top Adj 200 ohm	BI / TT	64WR200LF	Mouser	858-64WR200LF	\$ 2.48	\$ 4.96	Bourns 3266X-1-201LF
		7-10VDC	Trimpot 1/4" 12T Top Adj 500 ohm	BI / TT	64WR500LF	Mouser	858-64WR500LF	\$ 2.48	\$ 4.96	Bourns 3266X-1-501LF
		10-13VDC	Trimpot 1/4" 12T Top Adj 500 ohm	BI / TT	64WR500LF	Mouser	858-64WR500LF	\$ 2.48	\$ 4.96	Bourns 3266X-1-501LF
		13-18VDC	Trimpot 1/4" 12T Top Adj 500 ohm	BI / TT	64WR500LF	Mouser	858-64WR500LF	\$ 2.48	\$ 4.96	Bourns 3266X-1-501LF
		18-22VDC	Trimpot 1/4" 12T Top Adj 500 ohm	BI / TT	64WR500LF	Mouser	858-64WR500LF	\$ 2.48	\$ 4.96	Bourns 3266X-1-501LF
		22-28VDC	Trimpot 1/4" 12T Top Adj 1k ohm	BI / TT	64WR1KLF	Mouser	858-64WR1KLF	\$ 2.48	\$ 4.96	Bourns 3266X-1-102LF
		15VA 5-7VDC	Transformer 15VA 2x 7VAC	Amgis	L01-6350	DigiKey	TE2250-ND	\$ 20.12	\$ 20.12	Talema 70050K
		15VA 7-10VDC	Transformer 15VA 2x 9VAC	Amgis	L01-6351	DigiKey	TE2251-ND	\$ 20.12	\$ 20.12	Talema 70051K
		15VA 10-13VDC	Transformer 15VA 2x 12VAC	Amgis	L01-6352	DigiKey	TE2252-ND	\$ 20.12	\$ 20.12	Talema 70052K
		15VA 13-18VDC	Transformer 15VA 2x 15VAC	Amgis	L01-6353	DigiKey	TE2253-ND	\$ 20.12	\$ 20.12	Talema 70053K
		15VA 18-22VDC	Transformer 15VA 2x 18VAC	Amgis	L01-6354	DigiKey	TE2254-ND	\$ 20.12	\$ 20.12	Talema 70054K
		15VA 22-28VDC	Transformer 15VA 2x 22VAC	Amgis	L01-6355	DigiKey	TE2255-ND	\$ 20.12	\$ 20.12	Talema 70054K
		25VA 5-7VDC	Transformer 25VA 2x 7VAC	Amgis	L01-6360	DigiKey	TE2256-ND	\$ 24.68	\$ 24.68	Talema 70060K
		25VA 7-10VDC	Transformer 25VA 2x 9VAC	Amgis	L01-6361	DigiKey	TE2257-ND	\$ 24.68	\$ 24.68	Talema 70061K
		25VA 10-13VDC	Transformer 25VA 2x 12VAC	Amgis	L01-6362	DigiKey	TE2258-ND	\$ 24.68	\$ 24.68	Talema 70062K
		25VA 13-18VDC	Transformer 25VA 2x 15VAC	Amgis	L01-6363	DigiKey	TE2259-ND	\$ 24.68	\$ 24.68	Talema 70063K
		25VA 18-22VDC	Transformer 25VA 2x 18VAC	Amgis	L01-6364	DigiKey	TE2260-ND	\$ 24.68	\$ 24.68	Talema 70064K
		25VA 22-28VDC	Transformer 25VA 2x 22VAC	Amgis	L01-6365	DigiKey	TE2261-ND	\$ 24.68	\$ 24.68	Talema 70064K
		All	Terminal Block 5.08mm 4 pos	Phoenix Contact	1729144	Mouser	651-1729144	\$ 2.32	\$ 2.32	Other 5.08mm or solder wires in directly
		All	Terminal Block 5.08mm 3 pos	Phoenix Contact	1729131	Mouser	651-1729131	\$ 1.73	\$ 1.73	Other 5.08mm or solder wires in directly
		All	Linear Voltage Regulator 3A Adjustable TO-220	Analog Devices (LTC)	LT1085IT#PBF	DigiKey	LT1085IT#PBF-ND	\$ 11.38	\$ 22.76	LT1084 for <3A output current
		All	Soldered Wire Jumpers					\$ -	\$ -	
		120VAC Input	Metal Oxide Varistor 10mm dia 130V (optional)	Littlefuse	V130LASP	Mouser	576-V130LASP	\$ 0.54	\$ 0.54	Others 10mm same voltage
		240VAC Input	Metal Oxide Varistor 10mm dia 250V (optional)	Littlefuse	V250LA10P	Mouser	576-V250LA10P	\$ 0.58	\$ 0.58	Others 10mm same voltage
							Total (min)	\$ 84.73		
							Total (max)	\$ 96.99		