

<u>Count</u>	<u>RefDes</u>	<u>Value</u>	<u>Description</u>	<u>Size</u>	<u>MFR</u>	<u>Part Number</u>
1	C13	0.01uF	Capacitor, Ceramic, 25V, X7R	603	STD	STD
1	C105	0.01uF	Capacitor, Ceramic, 25V, X7R	603	STD	STD
1	C106	0.01uF	Capacitor, Ceramic, 25V, X7R	603	STD	STD
3	C103, C203, C303	1NF	Capacitor, Ceramic, 50V	603	STD	STD
3	C110, C210, C310	1000pF	Capacitor, Ceramic, 50V	603	STD	STD
2	C14, C441	100pF	Capacitor, Ceramic, 50V	603	STD	STD
16	C20, C30, C100, C101, C200, C201, C300, C301, C400, C410, C411, C420, C421, C430, C431, C440,	0.1uF	Capacitor, Ceramic, 50V	603	STD	STD
4	C205, C206, C305, C306	0.01uF	Capacitor, Ceramic, 25V, X7R	603	STD	STD
5	C21, C31, C608, C618, C628	1uF	Capacitor, Ceramic, 10V	603	STD	STD
3	C5, C6, C7	NA				
1	R10	12K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
3	R103, R203, R303	51K	Resistor, Chip, 1/16W, 1%	603	STD	STD
6	R1, R2, R3, R7, R8, R9	0	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R13	75K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
1	R14	20K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
1	R15	4.99K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
3	R4, R5, R6	NA				

31	R18, R500, R501, R502, R503, R510, R511, R512, R513, R520, R521, R522, R523, R531, R532, R533, R600, R601, R602, R603, R610, R611, R612, R613, R620, R621, R622, R623, R608, R618, R628	10K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
5	R400, R410, R420, R430, R441	10R	Resistor, Chip, 1/16W, 1%	603	STD	STD
4	R401, R402, R403, R404	3.3K	Resistor, Chip, 1/16W, 1%	603	STD	STD
3	R412, R422, R432	22K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R530	100K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
3	R11, R12, R19	2.4K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
3	C104, C204, C304	2.2uF	Capacitor, Ceramic,	1206	Murata	GRM188R61C225KE15D
6	C102, C107, C202, C207, C302, C307, C12	1uF	Capacitor, Ceramic Chip, 50V, ±20%	805	Murata	GRM21BR71H105MA12L
2	C10, C11	4.7uF	Capacitor, Monolithic Ceramic, 50VDC, ±10%	1206	Murata	GRM31CR71H475KA12L
10	C1, C2, C3, C4, C108, C109, C208, C209, C308, C309	10uF	Capacitor, Ceramic, 35V	1210	STD	GRM32ER7YA106KA12L
1	L10	100uH	Inductor, SMT, yyA, zz-milliohm	0.116 x 0.116 inch	Coilcraft	LPS3008-104ML
1	U20	UA78MxxCDCY	IC, Voltage Regulator, xx-V, 500-mA	DCY	TI	UA78M05CDCY
1	U1	LM5002MA	IC, High Voltage Switch Mode Regulator	SO8	TI	LM5002MA
3	U100, U200, U300	LM3434SQ	IC, LED Driver with High Frequency Dimming	QFN	TI	LM3434SQ

1	U400	ADS7924IRTE	IC, 2.2V12-Bit, 4-Chan, microPower A-D Converter with I2C Interface.	QFN-16	TI	ADS7924IRTE
3	Q100, Q200, Q300	CSD87350Q5D	MOSFET, Dual N-Chan, 30V 27A	QFN-8 POWER	TI	CSD87350Q5D
3	Q102, Q202, Q302	CSD17301Q5A	MOSFET, NChan, 30V, 100A, 2.9 milli Ohm	QFN-8 POWER	TI	CSD17301Q5A
1	U30	LP2985A-xxDBV	IC, 150 mA Low-Noise LDO Regulator With Shutdown, vv V	SOT23-5	TI	LP2985A-33DBV
1	U440	TLV2780IDBV	IC, 1.8V High-Speed R-R Input/Output Op-Amp w/ Shutdown	SOT23-6	TI	TLV2780IDBV
1	R405	NA	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R534	NA	Resistor, Chip, 1/16-W, 1%	603	Std	STD
2	R16, R17	62K	Resistor, Chip, 1/16-W, 1%	603	Std	STD
3	R411, R421, R431	9.1K	Resistor, Chip, 1/16W, 1%	603	STD	STD
3	R110, R210, R310	100R	Resistor, Chip, 1/2W, 1%	1210	STD	STD
7	Q500, Q510, Q520, Q530, Q600, Q610, Q620	Si1539CDL	MOSFET, N-Pch, 30V, 0.7A, 525 mOhms, 890 mOhms	SC-70	Vishay	Si1539CDL
1	L1	0.22uH	Inductor, Dual SMT, yyA, zzmilliohms	0.160 X 0.175 inch	Vishay	IHLP-1616BZ-11
3	RS100, RS200, RS300	0.004	RES .004 OHM 2W 1% 4527 SMD	0.49 x 0.10 inch	Vishay Dale	WSR24L000FEA
3	L100, L200, L300	3.3uH	Inductor, Low Profile High Current, yyA, ±20%	0.51 x 0.52 inch	Vishay	IHLP5050FDER3R3M01
1	J2	SD-78119-1188	CONN FFC/FPC 18POS .5MM VERT SMD	3.4x11.1 mm	Molex	781191188
4	J1, J100, J200, J300	SD-87438-08xx	CONN HEADER 8POS 1.5MM R/A SMD	7.75x13.3 mm	Molex	874380843
1	D1	SMAJ22A-E3/61	TVS UNIDIRECT 400W 22V 5% SMA	SMA	Vishay	SMAJ22A-E3/61
1	D10	MBR0540T	Diode, Schottky, 0.5A, 40V	SOD-123	OnSemi	MBR0540T
3	D100, D200, D300	BAS16W-TP	Diode, Swithcing, 200 mA, 75V	SOD-123	Micro Commercial Co	BAS16W-TP

1	Q10	MMDT5401	Transistor, NPN, Dual, 150V, 200ma	SOT-363	Diodes	MMDT5401
3	D500, D510, D520	BAS40-05T-7-F	Diode, Dual Schottky, 40V, 200mA	SOT523	Diodes	BAS40-05T-7-F
2	SPARE1, SPARE2	STD	Test Point, O.032 Hole		STD	STD

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