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REVISIONS			DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1276	A	RELEASED	HYO	1/9/02	JWM	1/28/02	DJC	1/29/02

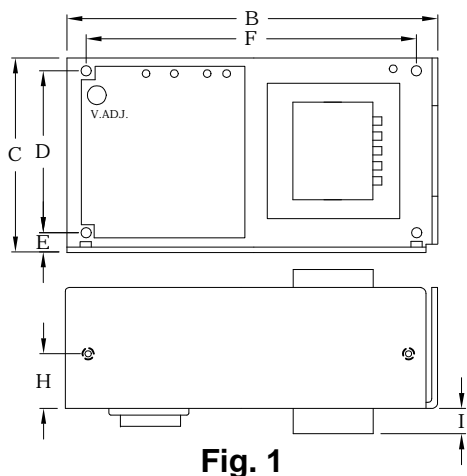


Fig. 1

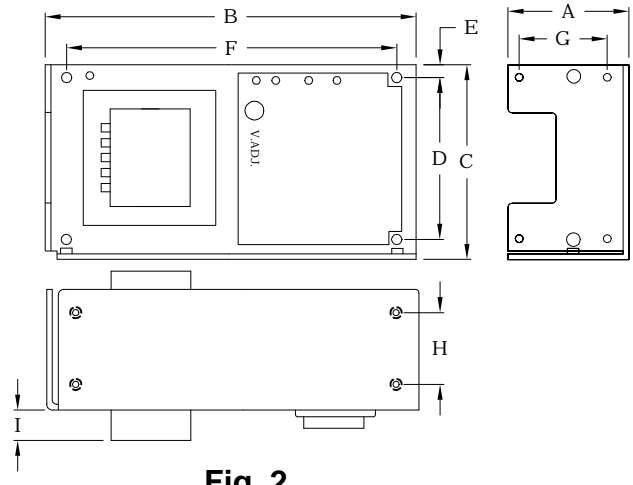


Fig. 2

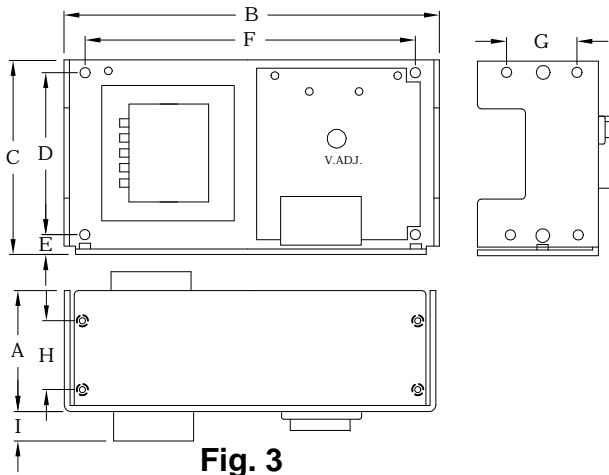


Fig. 3

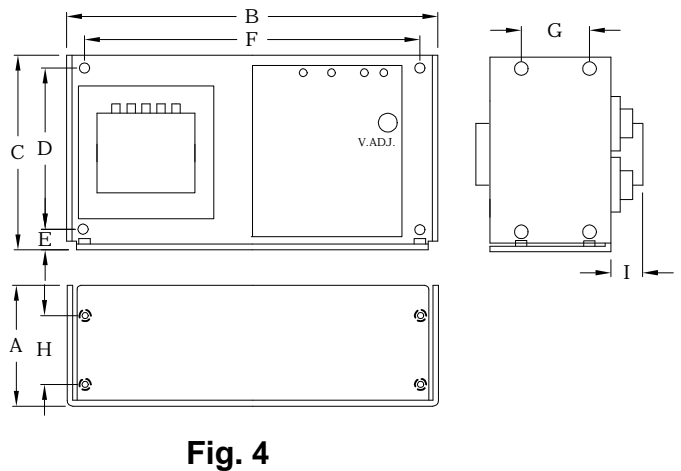


Fig. 4

Mechanical Dimensions

SPC Type No.	Volt - Amps	Fig	A	B	C	D	E	F	G	H	I
SPC11483	5V-3A	1	1.62	4.48	3.99	3.37	.38	4.14	.74	.74	.41
SPC11479	12V-1.7A		[41]	[123]	[101.4]	[85.6]	[9.6]	[105]	[18.9]	[18.9]	[10.5]
SPC11474	24V-1.2A										
SPC11484	5V-6A	2	2.5	5.6	4.87	4.12	.25	4.88	1.3	1.3	.45
SPC11480	12V-3.4A		[62.8]	[142.6]	[123.5]	[104.6]	[6.4]	[124]	[32.5]	[32.5]	[11.5]
SPC11475	24V-2.4A										
SPC11485	5V-9A	3	2.75	7.0	4.87	4.13	0.5	6.25	1.25	1.25	0.67
SPC11481	12V-5.1A		[69.9]	[178]	[123.7]	[104.8]	[12.7]	[158.8]	[31.7]	[31.7]	[17]
SPC11476	24V-3.6A										
SPC11486	5V-12A	4	2.75	9.0	4.87	4.13	.47	8	1.26	1.26	.63
SPC11482	12V-6.8A		[70]	[229]	[124]	[105]	[12]	[203]	[32]	[32]	[16]
SPC11477	24V-4.8A										
SPC11478	24V-7.2A	4	2.68	13.98	4.88	4.13	.49	13	1.26	1.26	.71
			[68]	[355]	[124]	[105]	[12.5]	[330]	[32]	[32]	[18]

SPC-F004.DWG

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.



SPC TECHNOLOGY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	HISHAM ODISH	1/9/02	Linear Open Frame DC Power Supplies			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JEFF MCVICKER	1/28/02	A	TA-485	TA-485.DWG	A
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES [mm]		SHEET: 1 OF 9
DANIEL CAREY	1/29/02					



Features:

1. 0.05% Line Regulation
2. 0.05% Load Regulations
3. Full output ratings to +50°C
4. Over-Voltage built in on 5 Volt outputs
5. Foldback current limiting with automatic recovery
6. Multi-tap AC inputs
7. 100% Four hour burn-in
8. Limited One year warranty

GENERAL SPECIFICATIONS:

1. Operating Temperature Range: 0 ~ +50°C (Derate to 40 % @ +70°C)
2. Temperature Coefficient (Typical): ± 0.01 % per °C
3. Stability: Within ±0.05 % (For 24 hours after warm-up)
4. Vibration: Per MIL-STD 810C, Method 514
5. Shock: Per MIL-STD 810C, Method 516
6. EMI/RFI: Linear power supplies have inherently low conducted and radiated noise levels. For most system applications, these power supplies will meet the requirements of FCC Class "B" and VDE 0871 for Class "B" equipment without additional noise filtering
7. Cooling: Convection

INPUT SPECIFICATIONS:

1. Multi Input (all units): 100/120/220/230/240 VAC Selectable, ± 10 % except 230 VAC is +15%/-6%
2. Frequency Range: 47 ~ 63 Hz (Typical is 60 Hz. Derate output 10 % @ 50 Hz)
3. Transient Response Time: 50 microseconds at 50 % load changes for outputs rated up to 6 A 100 microseconds at 50 % load changes for outputs rated 6 A and over
4. Fuse Requirements: Units are not fused internally. For safe operation, user must provide input line fuse as per values given in Input AC Connections table

OUTPUT SPECIFICATIONS:

1. Line Regulation: 0.05 % for 10% change
2. Load Regulation: 0.05 % for 50% change
3. Ripple: 3.0mV maximum peak - to - peak
4. DC Output Adjustment Range: ± 5 % minimum
5. Overvoltage Protection: All 5 volt outputs include built in OVP as standard (setting is 6.2 V ± 0.4 V)
6. Remote Sensing: All units listed have remote sensing capabilities
7. Overload Protection: 125 % ~ 150% foldback current limit
8. Dielectric Withstand Voltage (min): 3750 VAC input/output
1500 VAC input/safety ground
500 VAC output/safety ground

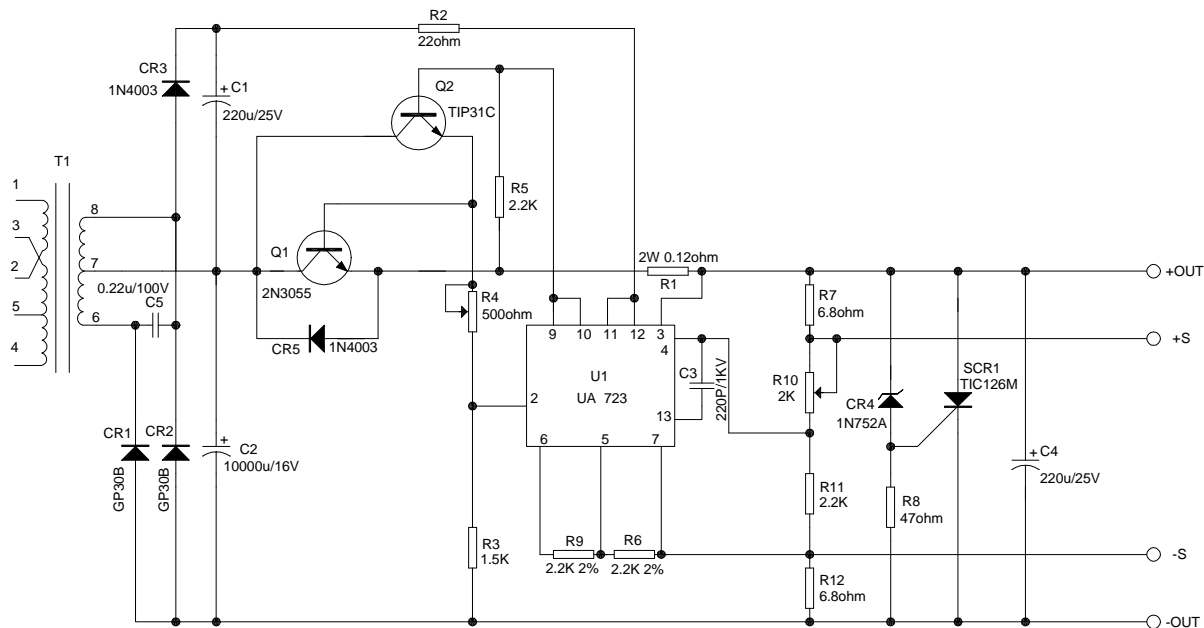
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-485	TA-485.DWG	A
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 2 OF 9

Input AC Connection Table

Input VAC	Connect	Apply AC to:	Input Fuse SPC11483	Input Fuse SPC11480 SPC11479 SPC11474	Input Fuse SPC11485 SPC11481 SPC11476	Input Fuse SPC11484 SPC11475	Input Fuse SPC11486	Input Fuse SPC11482	Input Fuse SPC11478 SPC11477
100	1-3, 2-4	1 & 5	.5 A	1.0 A	1.5 A	1.6 A	2.0A	2.5 A	3.0 A
120	1-3, 2-4	1 & 4	.5 A	1.0 A	1.5 A	1.6 A	2.0A	2.5 A	3.0 A
220	2-3	1 & 5	.25 A	.5 A	0.75 A	.8 A	1.0A	1.25 A	1.5 A
230	2-3	1 & 4	.25 A	.5 A	0.75 A	.8 A	1.0A	1.25 A	1.5 A
240	2-3	1 & 4	.25 A	.5 A	0.75 A	.8 A	1.0A	1.25 A	1.5 A

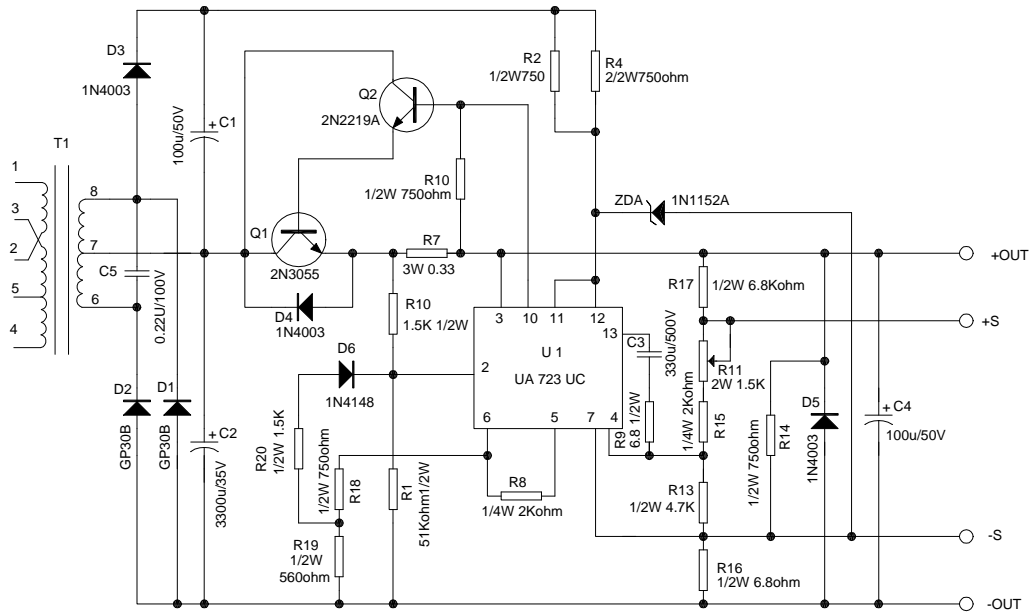
Note:

Use a 125 V fuse for low voltage, 250 V for high voltage applications. *(Fuses are not supplied with power supply)*

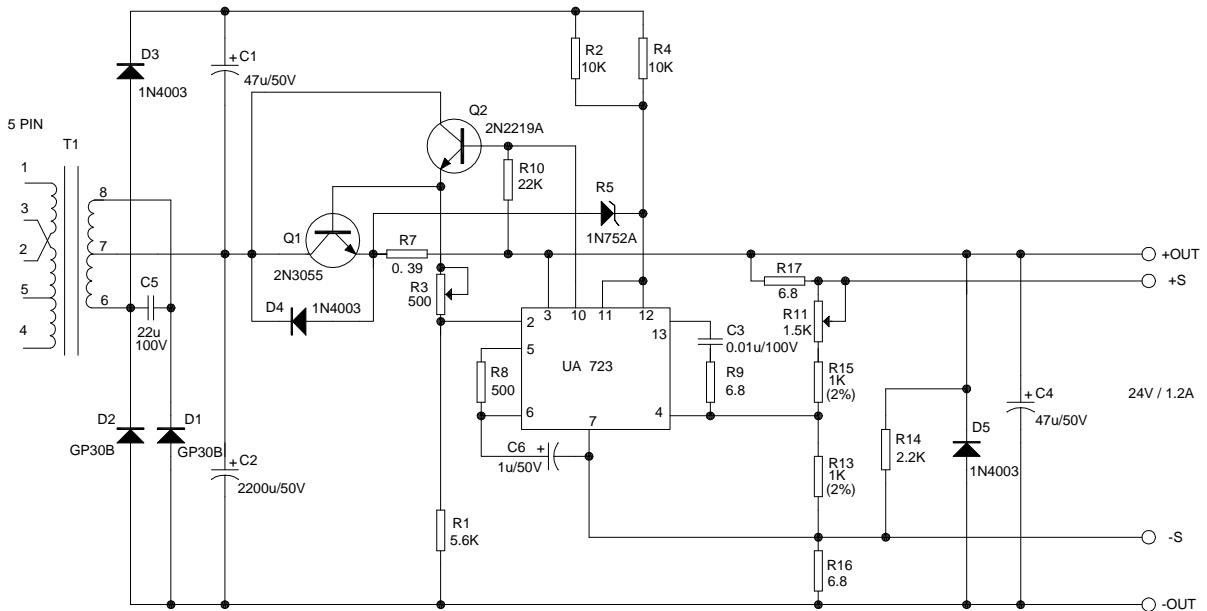


SPC11483

SIZE A	DWG. NO. TA-485	ELECTRONIC FILE TA-485.DWG	REV A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 3 OF 9	

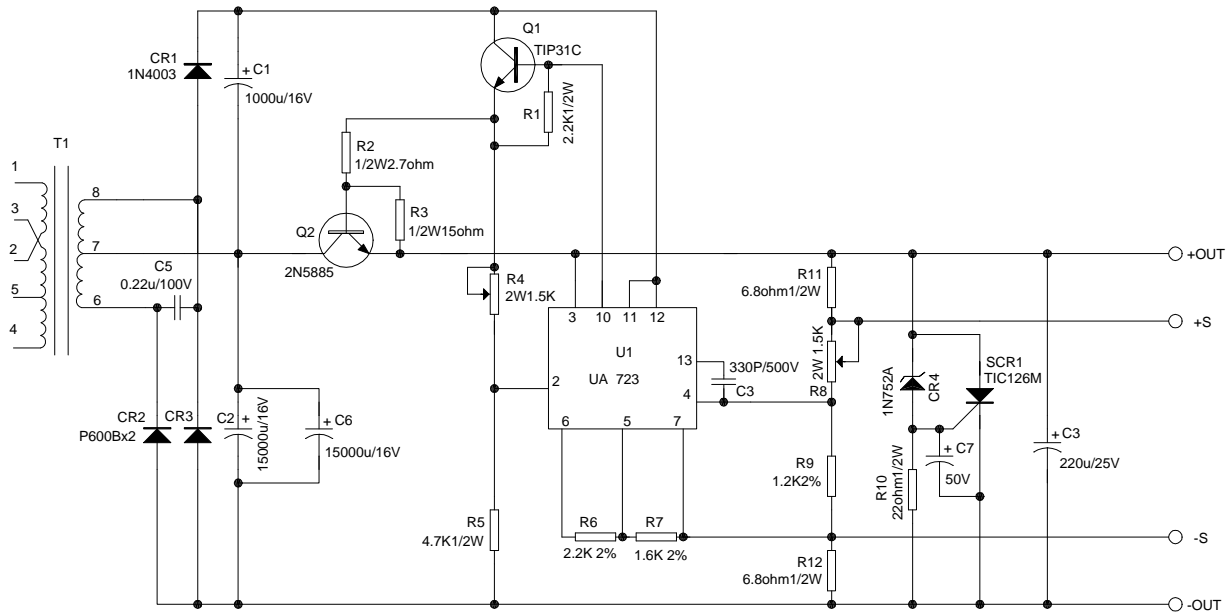


SPC11479

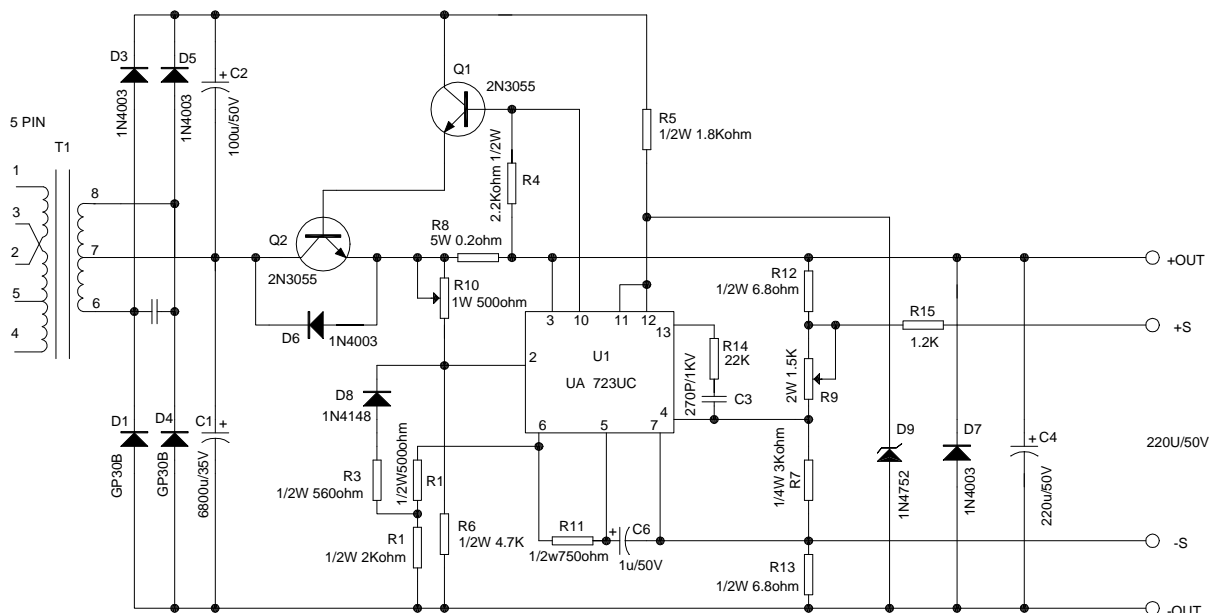


SPC11474

SIZE	DWG. NO.	ELECTRONIC FILE	REV
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SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 4 OF 9

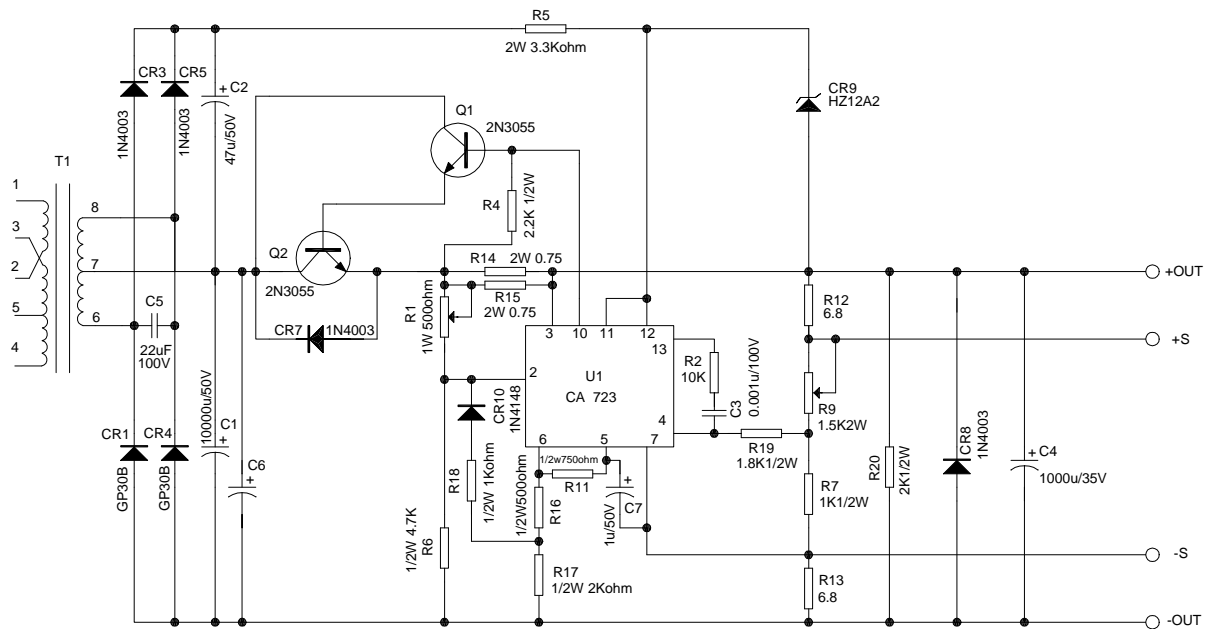


SPC11484

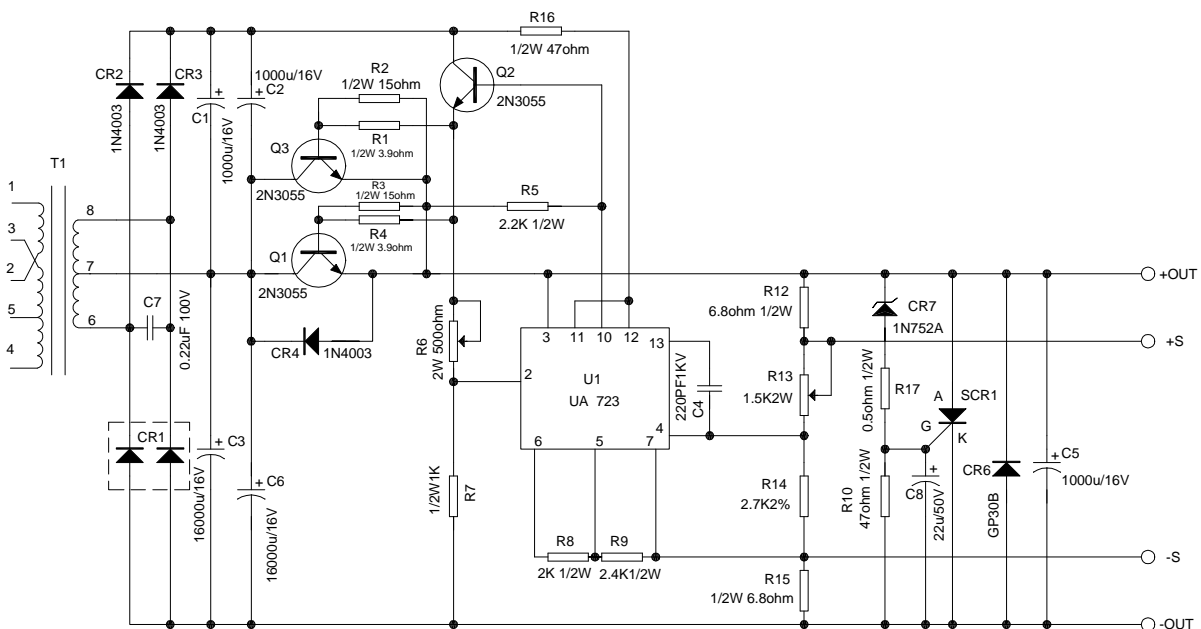


SPC11480

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SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 5 OF 9

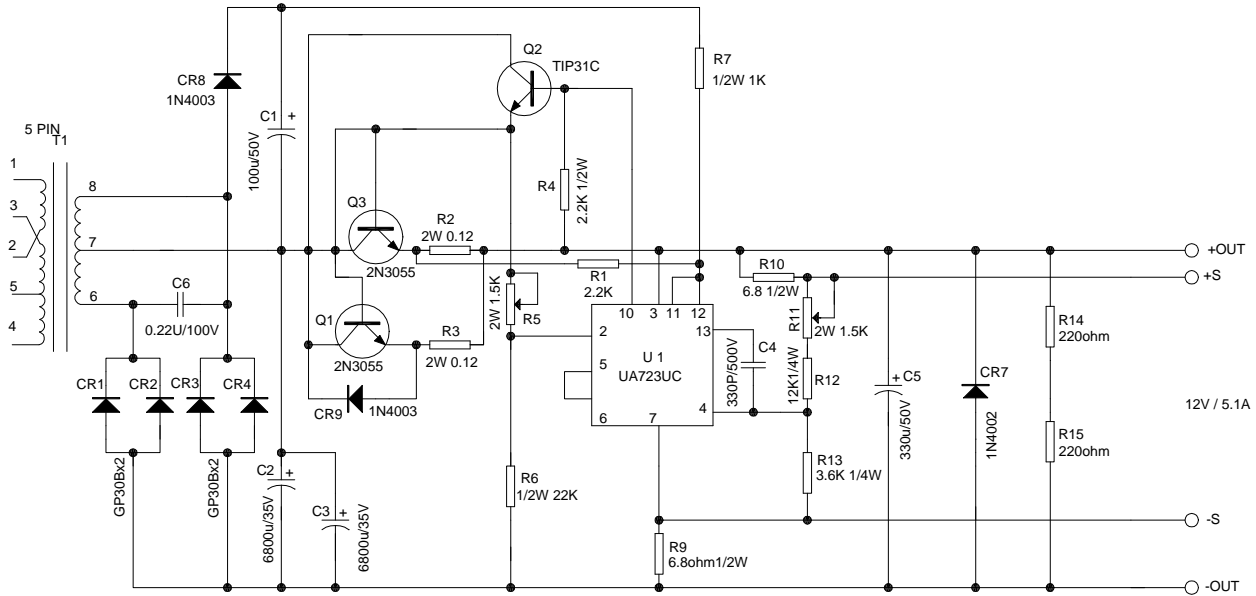


SPC11475

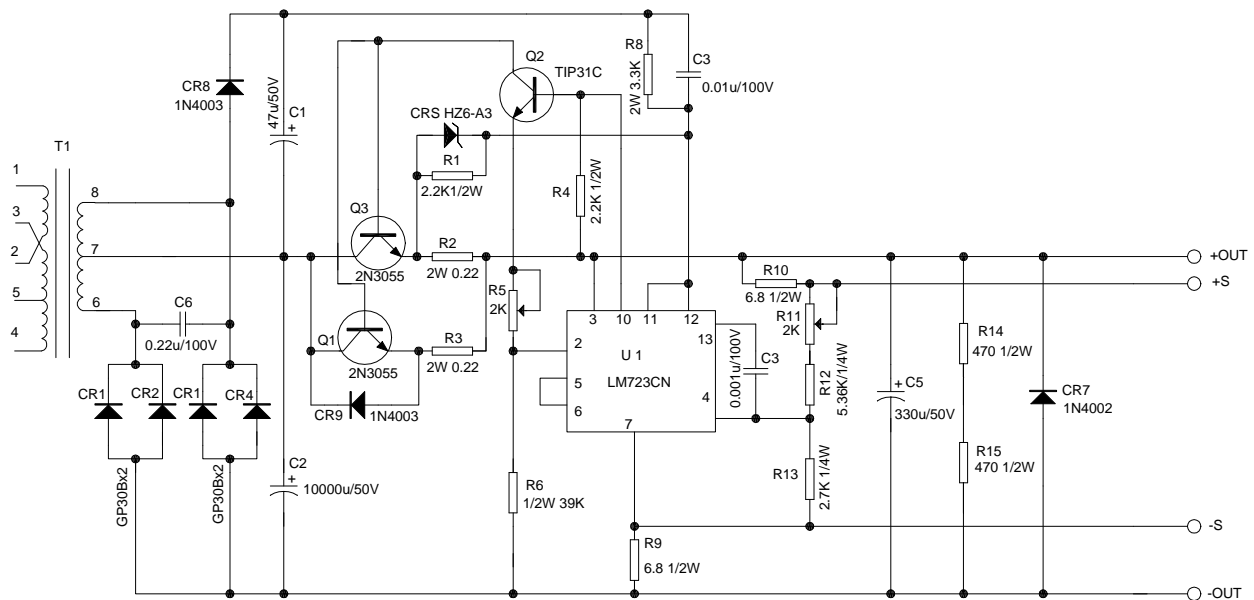


SPC11485

SIZE	DWG. NO.	ELECTRONIC FILE	REV
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SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 6 OF 9

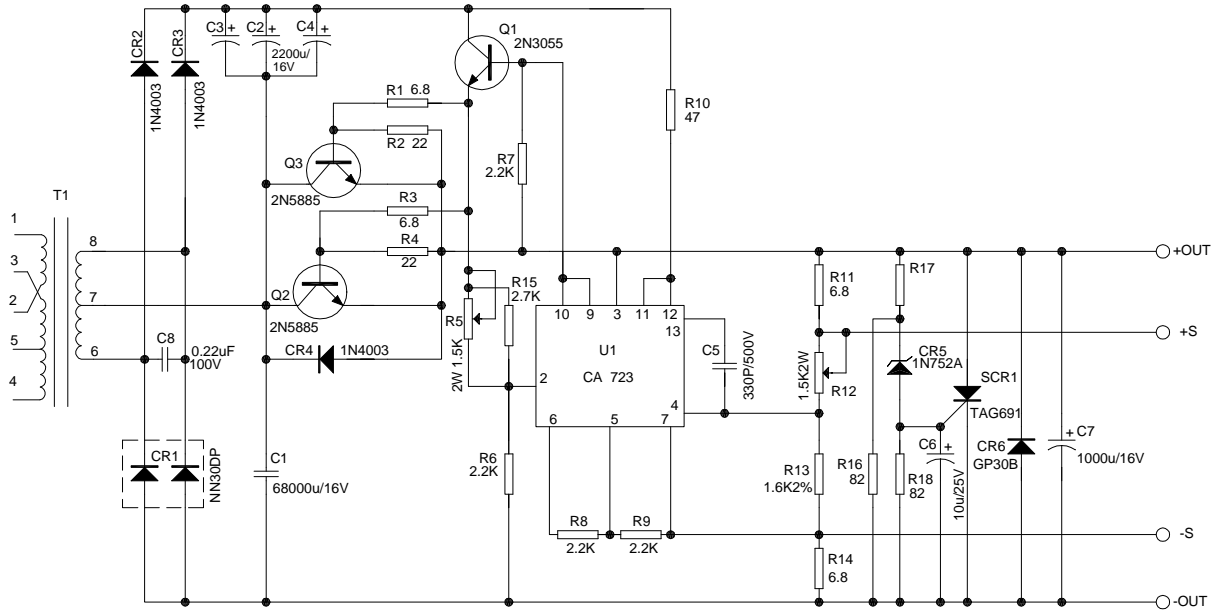


SPC11481

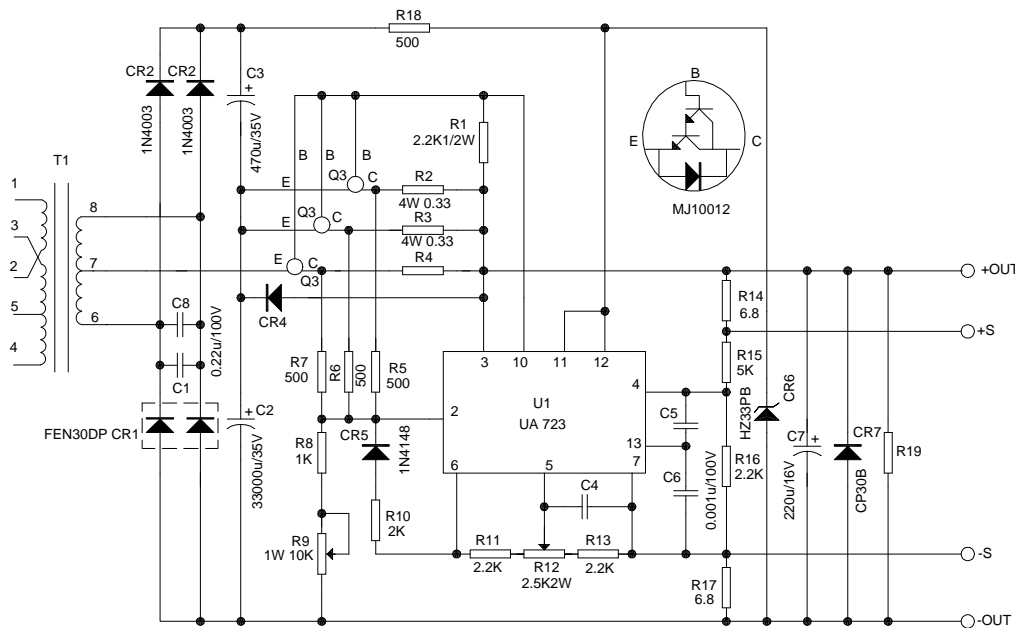


SPC11476

SIZE	DWG. NO.	ELECTRONIC FILE	REV
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SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 7 OF 9

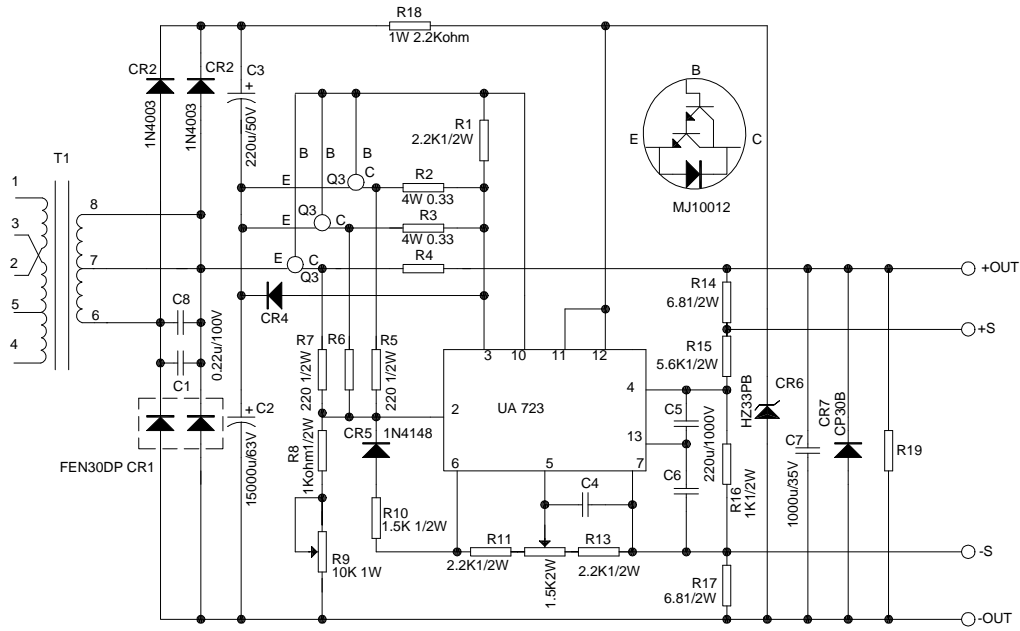


SPC11486

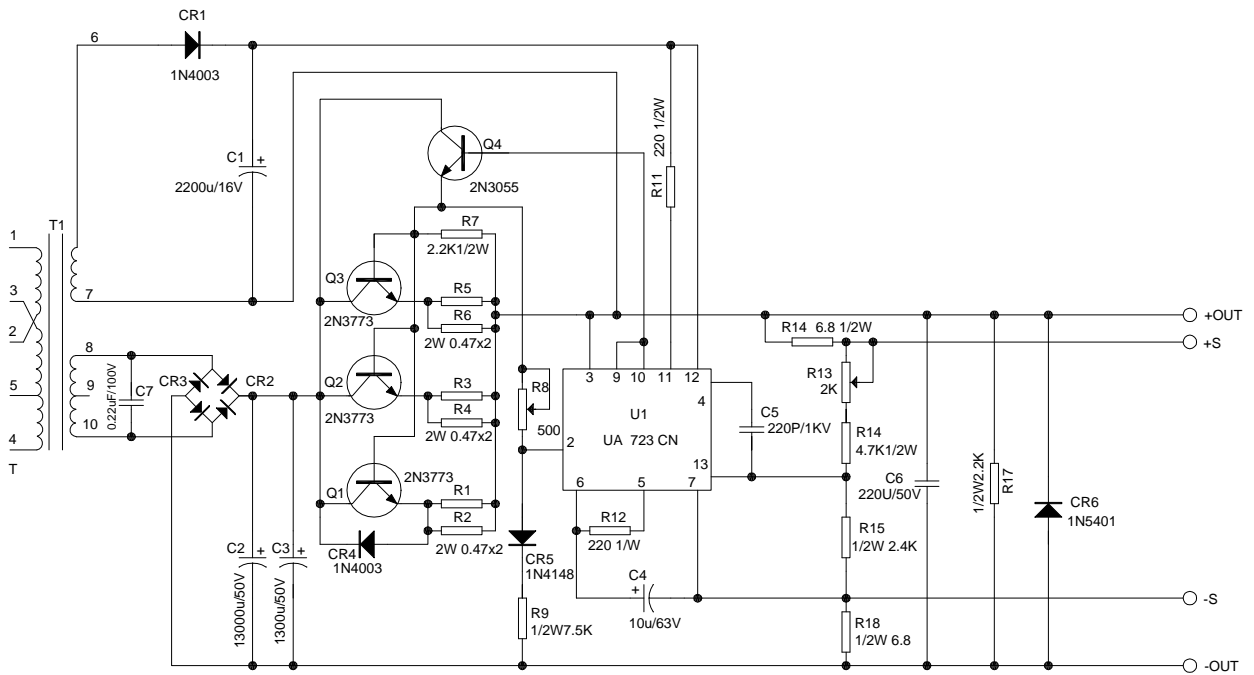


SPC11482

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-485	TA-485.DWG	A
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 8 OF 9



SPC11477



SPC11478

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-485	TA-485.DWG	A
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 9 OF 9