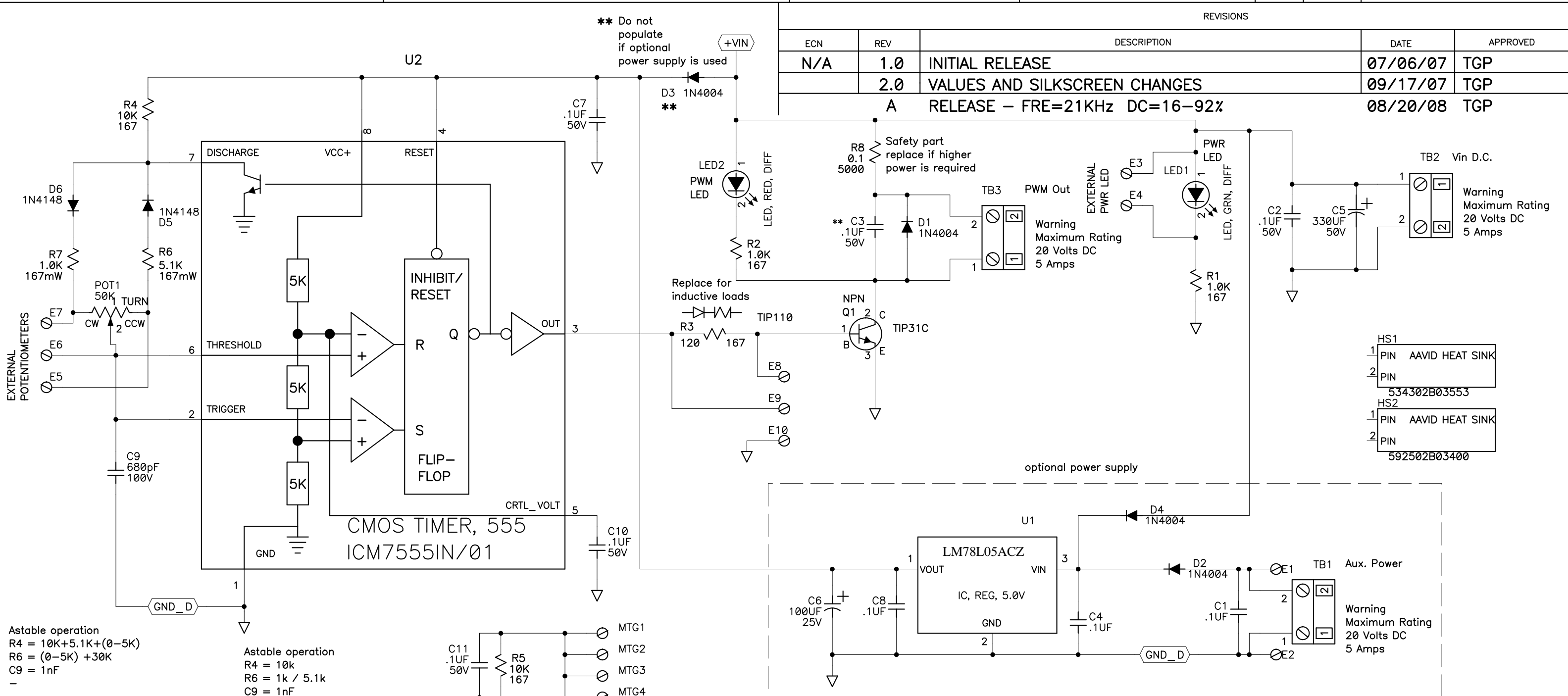


REVISIONS

ECN	REV	DESCRIPTION	DATE	APPROVED
N/A	1.0	INITIAL RELEASE	07/06/07	TGP
	2.0	VALUES AND SILKSCREEN CHANGES	09/17/07	TGP
		A RELEASE - FRE=21KHz DC=16-92%	08/20/08	TGP



Astable operation
 $R4 = 10K + 5.1K + (0-5K)$
 $R6 = (0-5K) + 30K$
 $C9 = 1nF$
 -
 $TM = .693 * (R4 + R7 + 2.5K) * C4$ - HIGH
 $TS = .693 * ((2.5K) + R6) * C4$ - LOW
 $FOUT = 1 / (TM + TS)$

Astable operation
 $R4 = 10k$
 $R6 = 1k / 5.1k$
 $C9 = 1nF$
 Frequency of approx. 21.83khz
 Duty Cycle of 16-92%
 $Tm = ontime 42.2 \mu s - 7.62$
 $Ts = off time 3.53 \mu s - 38.18$

Danger statements are a description of an imminent hazards that will result in death or serious injury if not avoided and should be limited to the most extreme situations.
 Danger: Description of imminently hazard and possible resulting injures

Warning statements are a description of a potentially hazardous situation which if not avoided could result in death or serious injury.
 Warning: Description of hazard and possible resulting injures.

Caution statements are a description of a potentially hazardous situation which if not avoided could result in minor or moderate injury. It could also advise against unsafe practices
 Caution: Description of hazard and possible resulting injures

** DO NOT POPULATE

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DRAWN	CADX Services
CHECKED	N/A
ENG APVD	N/A
QA APVD	N/A
MFG APVD	N/A
DOC CONT	N/A
RELEASE	N/A
DIMENSIONS ARE IN INCHES DIMENSIONS PER ANSI Y14.5 UNLESS SPECIFIED	
DO NOT SCALE DRAWING	
MATERIAL	
FINISH	
X .1	.001-.063 DIA. +/- .003
XX .02	.064-.188 DIA. +.004 -.003
XXX .001	.189 AND OVER +/- .005
ANGLES 2 DEG.	

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**SCHEMATIC
 PWM, DRIVE, 60W, 555, TH**

SCHEMATIC KS-PWM-60W-T-TH-000A REV. A		PCB KF-PWM-60W-T-TH-0001 REV. 2.0	
PRODUCT KA-PWM-60W-T-TH-0001 REV. 2.0		GERBERS KF-PWM-60W-T-TH-0001 REV. 2.0	
SIZE	DWG NO.	REV	
B	KS-PWM-60W-T-TH-000A	A	
SCALE NONE	DATE Tue Oct 11, 2011	SHEET 1 of 1	