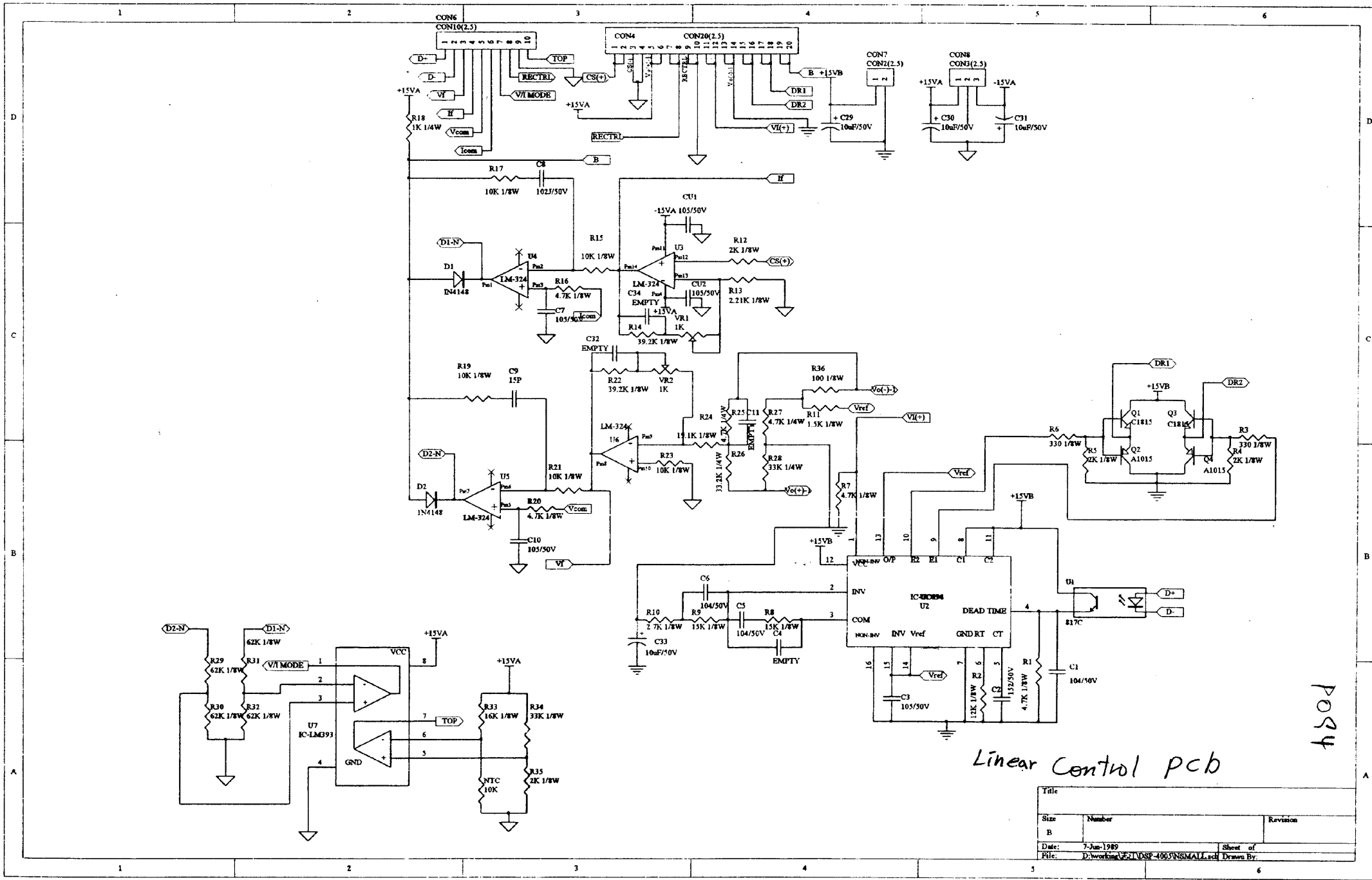


Aux Power

Title		
Size	Number	Revision
R		
Date:	8-Jul-1989	Sheet of
File:	D:\WORKING\EST\PLYBACK\EST\LYR\8 shown by	

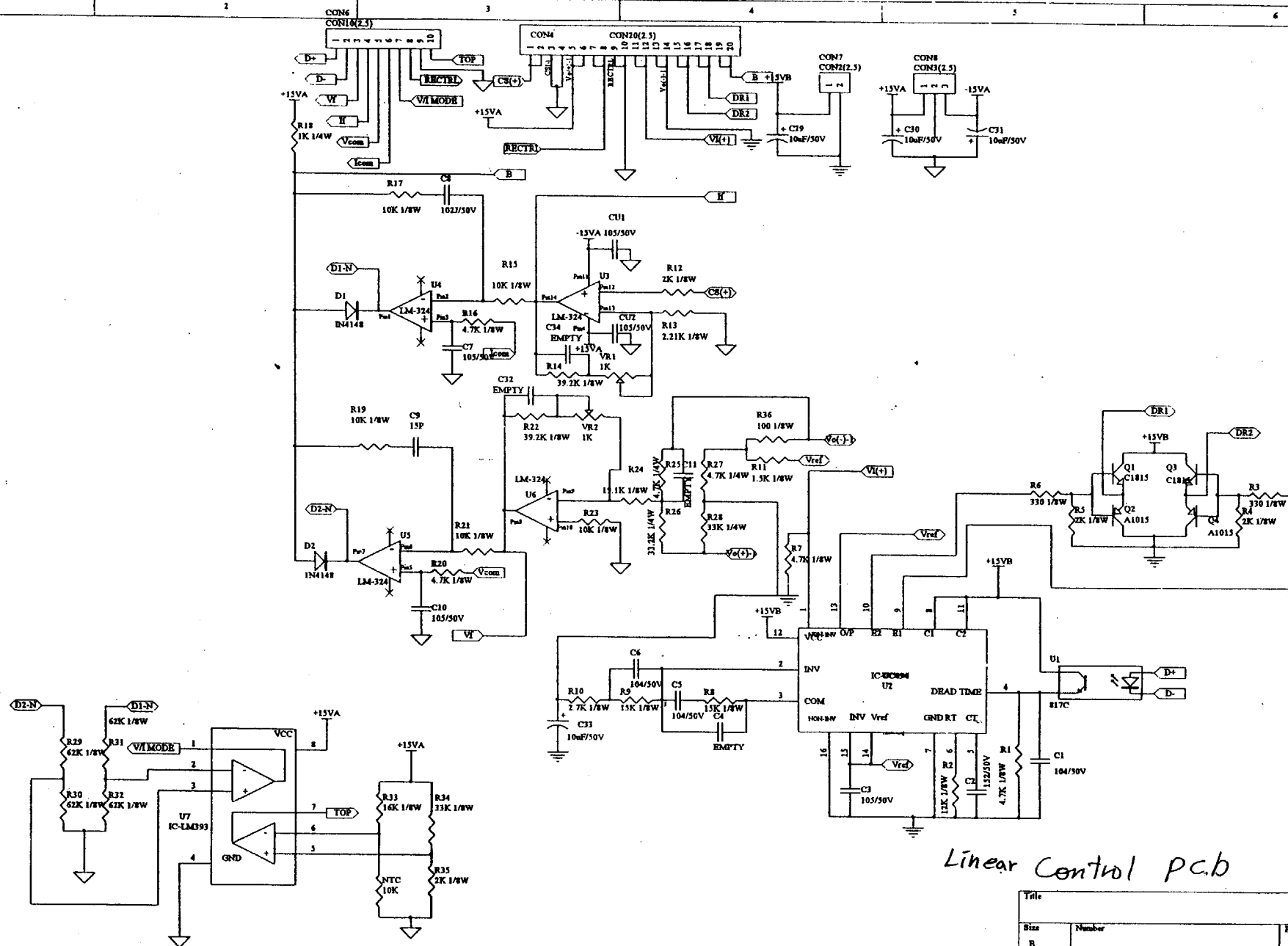
Page 4



Linear Control PCB

pos4

Title		
Size	Number	Revision
B		
Date:	7-Jun-1989	Sheet of
File:	D:\working\521\DSF-400\NSMALL.sch	Drawn By:



Linear Control PCB

PO94

Title		
Size	Number	Revision
B		
Date:	7-Jun-1989	Sheet of
File:	D:\working\321\DSF-400\NSMALL.sch	Drawn By:

DPS-4005 POWER V1.0

QTY	INSERTION LOCATION	DESCRIPTION
1	R1	100K 1/4W 5%
1	R2	100K 1/4W 5%
1	R3	15 ohm 1/2W 5%
1	R4	15 ohm 1/2W 5%
1	R5	47 ohm 2W Metal Oxide Resistor (Standing)
1	R6	47 ohm 2W Metal Oxide Resistor (Standing)
1	R7	47 ohm 2W Metal Oxide Resistor (Standing)
1	R8	400 ohm 10W Power Resistor(Standing)
1	R10	33K 1/4W 5%
1	R11	68 ohm 1/2W 5%
1	R13	4K7 1/4W 5%
1	R14	0.02 ohm Manganese-Cupric Resistor
1	R20	10K 1/4W 5%
1	R21	2K 2W 5% Metal Oxide Resistor (Standing)
1	R22	10K 1/4W 5%
1	R1A	100K 1/4W 5%
1	R2A	100K 1/4W 5%
1	RX1	100K 1/4W 5%
1	RX2	100K 1/4W 5%
1	RS	NTC 5A 5 ohm Thermistor
1	J2	JUMPER 15mm
1	J3	JUMPER 15mm
1	J4	JUMPER 15mm
1	J5	JUMPER 20mm
1	C1	470uf/200v (Angle)
1	C2	470uf/200v (Angle)
1	C3	105 SMD(lie)
1	C4	MPR 1U/250V SMD(Metal Film)
1	C5	103/1KV
1	C6	103/1KV
1	C7	103/1KV
1	C8	1000UF/63V
1	C9	1000UF/63V
1	C10	100UF/63V
1	C11	10UF/63V
1	C12	105 SMD(lie)
1	CX1	0.1UF/300V X1 Capacitor
1	CX2	0.1UF/300V X1 Capacitor
1	CY1	472 Y Capacitor
1	CY2	472 Y Capacitor
1	CY3	472 Y Capacitor

1	D1	FR103
1	D2	FR103
1	D5	FR103
1	D6	FR103
1	F1	JUMPER 10mm
1	Q4	2SC1815 = 20C945
1	BD1	JBL406 Bridge Rectifier
1	L1	T132-26D Inductance for outport(High Power): T1326D212UH
1	L2	R6*15 Inductance for outport(Low Power): R6-15DUH8
1	LF1	Common Choke Quadrilateral EE-25D: EE25D14MH
1	LF2	Common Choke Round CS-660: T2515D7MH
1	RLY1	OMI-SS-112L (10A/240V)
1	T1	ERL-39D Main Transformer: ERL-3D38/16
1	T2	EEL-16D Pulse Transformer: EEL-16D36/36
1		Connecter 22AWG 105mm
1	CON1	3Pin VH Male 180° Pitch=3.96, mean is empty
1	CON2	3Pin Male 180° Pitch=3.96, mean is empty
1	CON3	2Pin VH Male 180° Pitch=3.96
1	CON4	10*2 Pin 180 ° Double Pin, P=2.54
1	HS1	Heat sink CV-134 200*60mm
1	Q1	IRFP840
1	Q2	IRFP840
1	L20	HER1605G TO-220, Power Snap-off Diode
1	Q3	IRF640
1		Rubber (Double aperture)
2		Granular isolated(fix IC)
4		Screw 3*10 Add Pad (fix IC)
3		Screw TP2 3*6 (fix Heat sink and PCB)
1		PCB (Single), Ver: DPS-POWER V1.0

DPS-4005 AUX POWER V1.0

QTY	INSERTION LOCATION	DESCRIPTION
1	R1	100K 2W
1	R2	1 ohm 1/2W 5%
1	R3	22K 2W
1	R4	24K 1/8W 5%
1	R5	10K 1/8W 5%
1	R7	22 ohm 1/2W 5%
1	R8	1 K 1/8W 5%
1	R9	1 ohm 1/2W 5%
1	R10	560 ohm 1/8W 5%
1	R11	220 ohm 1/8W 5%
1	R13	10K 1/8W 5%
1	R14	10K 1/8W 5%
1	R15	10K 1/8W 5%
1	R16	1K2 1/2W 5% (Standing)
1	R17	1K2 1/2W 5%(Standing)
1	R18	1K2 1/2W 5% (Standing)
1	R20	10K 1/8W 5%
1	R21	3K57 1/8W 1%
1	R22	10K 1/8W 5%
1	RT	18K 1/8W 5%
1	C1	2.2Uf/400V
1	C2	220uF/25V
1	C3	104/50V SMD (lie)
1	C4	JUMPER=5mm
1	C4A	103Z/100V
1	C5	102J Plastic Capacitor
1	C6	103/1KV
1	C7	105/50V SMD (lie)
1	C8	104/50V SMD (lie)
1	C9	470uf/25V
1	C10	470uf/25V
1	C11	470uf/25V
1	C12	470uf/25V
1	C14	470uf/25V
1	C17	470uf/25V
1	C18	470uf/25V
1	C19	1000uf/16v
1	CT	102J Plastic Capacitor
1	CY4	103/1KV
1	CON2	3 Pin Male 180° Pitch=3.96 mean is empty+C60
1	CON3	5 Pin XH Male 180°Pitch=2.5

1	CON4	3 Pin XH Male 180°Pitch=2.5
1	CON5	2 Pin XH Male 180° Pitch=2.5
1	D1	FR103 (lie)
1	D2	FR152
1	D3	FR103 (lie)
1	D4	FR103 (Standing)
1	D5	1N5822 (Standing)
1	D6	FR103 (lie)
1	L1	2 ohm 1W 5% (Standing)
1	L2	2 ohm 1W 5% (Standing)
1	L3	2 ohm 1W 5% (Standing)
1	L4	2 ohm 1W 5% (Standing)
1	M1	IRFBE30 MOS
1	Q1	TL431
1	T1	EI-3301 Transformer VER:EI-33D50X2
1	U1	UC3845
1	U2	4N35
1	U3	M51957-A
1		JUMPER=9mm
1		JUMPER=9mm
1		JUMPER=9mm
1		PCB (Single), VER: DPS- POWER V1.0

DPS-4005 CONTROL V1.0

QTY	INSERTION LOCATION	DESCRIPTION
1	R1	4K7 1/8W 5%
1	R2	18K 1/8W 5%
1	R3	330 ohm 1/8W 5%
1	R4	2K 1/8W 5%
1	R5	2K 1/8W 5%
1	R6	330 ohm 1/8W 5%
1	R7	4K7 1/8W 5%
1	R8	20K 1/8W 5%
1	R9	15K 1/8W 5%
1	R10	2K7 1/8W 5%
1	R11	1K4 1/8W 1%
1	R12	Jumper 8mm
1	R13	400 ohm 1/8W 1%
1	R14	33K 1/8W 1%
1	R15	10K 1/8W 5%
1	R16	4K7 1/8W 5%
1	R17	10K 1/8W 5%
1	R18	1K 1/2W 5%
1	R19	10K 1/8W 5%
1	R20	4K7 1/8W 5%
1	R21	10K 1/8W 5%
1	R22	43K2 1/8W 1%
1	R23	10K 1/8W 5%
1	R24	19K1 1/8W 1%
1	R25	33K2 1/4W 1%
1	R26	4K75 1/4W 1%
1	R27	4K7 1/8W 5%
1	R28	33K 1/4W 5%
1	R29	62K 1/8W 5%
1	R30	62K 1/8W 5%
1	R31	62K 1/8W 5%
1	R32	62K 1/8W 5%
1	R33	16K 1/8W 5%
1	R34	33K 1/8W 5%
1	R35	2K 1/8W 5%
1	R36	100 ohm 1/8W 5%
1	R37	2K 1/8W 5%
1	C1	104/50V SMD (lie)
1	C2	102J/100V Plastic Capacitor
1	C3	105/50VSMD (lie)
1	C4	102J/100V Plastic Capacitor

1	C5	104/50V SMD (lie)
1	C6	104/50V SMD (lie)
1	C7	105/50V SMD (lie)
1	C8	104/50V SMD (lie)
1	C9	102J/100V Plastic Capacitor
1	C10	105/50V SMD (lie)
1	C29	10UF/50V 105°
1	C30	10UF/50V 105°
1	C31	10UF/50V 105°
1	C33	10UF/50V 105°+C73
1	CU1	105/50V SMD (lie)
1	CU2	105/50V SMD (lie)
1	D1	1N4148
1	D2	1N4148
1	NTC	10K 25°+C55C
1	Q1	20C945 NPN (1815)
1	Q2	20A733 PNP (1015)
1	Q3	20C945 NPN (1815)
1	Q4	20A733 PNP (1015)
1	U1	MC817, OPTO ISOLATOR IC
1	U2	TL 494, PWM IC
1	U3	LM324
1	U4	LM393
1	VR1	5K single turning, closing
1	VR2	5K single turning, closing
1	CON1	10P*2 DOUBLE PINS, 90°, P=2.54
1	CON2	10Pin XH Male, 180°, P=2.5
1	CON3	2Pin XH Male, 180°, P=2.5
1	CON4	3Pin XH Male, 180°, P=2.5
1		PCB Double with stannum, VER: DPS-CTRL V1.0