

STMicroelectronics
 1375 East Woodfield Road, Suite 400
 Schaumburg, IL 60173

PSAL05-15 Rev 1

Bill Of Materials June 22,2005 9:52:05

Quantity	Reference	Part Description	Mfg P/N	Mfg	Geometry	Mounting
2	C1,C2	10uF 400V Electrolytic	TKR2GM100D	Compostar	Radial	TH
1	C3	47pF 1kV Ceramic	ECC-D3A470JGE	Panasonic		TH
1	C4	22uF 50V Electrolytic	EEU-FC1H220	Panasonic	Radial	TH
1	C5	4.7nF 250V Ceramic	ECK-DNA472ME	Panasonic		TH
1	C6	0.33uF 50V Ceramic	ECU-S1H334KBB	Panasonic		TH
1	C7	220uF 50V Electrolytic	EEU-FC1H221	Panasonic	Radial	TH
1	C8	0.1uF 50V Ceramic			1206	SMD
1	C10	22Ga solid bus wire			Axial	TH
1	C11	0.047uF 250V boxcap	ECQ-U2A473MG	Panasonic	Radial	TH
1	D1	DIPBridge 600V 1A	DB105	Micro Commercial		TH
1	D2	STTH102 diode	STTH102	STMicroelectronics	Axial DO-41	TH
1	D3	STTH152 diode	STTH152	STMicroelectronics	Axial DO-15	TH
1	D4	Peak Clamp	PKC136	STMicroelectronics	Axial DO-15	TH
1	F1	Fuse TR5 0.5A	TR5 372	Wickman	Radial	TH
1	J1	Phoenix 2 Pin Connector	MKDSN1.5/2	Phoenix Contact		TH
2	J2,J3	Current Select Jumper	22-28-8020	Molex		TH
1	J4	Stackable Receptacle	535676-5	Tyco	6 Pin	TH
1	L1	45mH common mode choke	FUU10S-V24503-Q22650	Compostar		TH
1	R1	6.8ohms 5% 1W			Axial	TH
1	R2	100ohms 5% 0.5W			Axial	TH
1	R3	6.2kohms 5% 0.25W			Axial	TH
1	R4	100ohms 5% 0.25W			Axial	TH
1	R5	750ohms 5% 0.25W			1206	SMD
1	R7	10kohms 5% 0.25W			Axial	TH
1	R8	51ohms 5% 0.25W			Axial	TH

1	R9	2.2kohms 5% 0.25W			Axial	TH
1	R10	1kohms 5% 0.25W			Axial	TH
1	R11	1kohms 5% 0.25W			1206	SMD
3	R12,R13,R14	0.5ohms 5% 0.25W			Axial	TH
1	R15	24kohms 5% 0.25W			1206	SMD
1	R16	2.2kohms 5% 0.25W			1206	SMD
1	T1	Cramer Transformer	CVP11-046	Cramer Coil		TH
1	U2	VIPer22A	VIPer22ADIP	STMicroelectronics	8 Pin DIP	TH
1	U3	Dual OpAmp & Voltage Ref.	TSM103ID	STMicroelectronics	SO8	SMD
1	U4	Optocoupler	H11A817A/LTV817A	Fairchild/LiteOn	4 Pin DIP	TH
1	W1, W2	22 Ga solid bus wire			Axial	TH