

24V external PSU

PTN78060W			
SWR		eff = 87%	
MAX COURANT = 3A			
Vin=24V		Vout=6V	
Iin=97mA		Iout=2,6A	
Pin=18W		Pout=15,5W	
Pdis=2,5W			

Rendement global=pout/pin
n=57/63.6
n=0.896

PTH08T260W			
SWR		eff = 90%	
MAX COURANT = 3A			
Vin=6V		Vout=3.3V	
Iin=1,6A		Iout=2,5A	
Pin=9,3W		Pout=8,4W	
Pdis=930mW			

TPS7A4700			
LDO		eff = 55%	
MAX COURANT = 1A			
Vin=6V		Vout=3.3V	
Iin=900mA		Iout=900mA	
Pin=5,4W		Pout=3W	
Pdis=2,4W			

TPS7A4700			
LDO		eff = 83%	
MAX COURANT = 1A			
Vin=6V		Vout=5V	
Iin=57,2mA		Iout=57mA	
Pin=343,4mW		Pout=285mW	
Pdis=58,4mW			

PTN04050A			
SWR		eff = 70%	
MAX COURANT = 1A			
Vin=6V		Vout=-6V	
Iin=81,4mA		Iout=-57mA	
Pin=489mW		Pout=342mW	
Pdis=147mW			

LMZ30604			
SWR		eff = 88%	
MAX COURANT = 4A			
Vin=3.3V		Vout=1,2V	
Iin=1,2A		Iout=3A	
Pin=4,1W		Pout=3,6W	
Pdis=0,5W			

LMZ30602			
SWR		eff = 90%	
MAX COURANT = 2A			
Vin=3.3V		Vout=1,8V	
Iin=368mA		Iout=608mA	
Pin=1,22W		Pout=1,1W	
Pdis=120mW			

LMZ30602			
SWR		eff = 90%	
MAX COURANT = 2A			
Vin=3.3V		Vout=1,5V	
Iin=277mA		Iout=548mA	
Pin=913mW		Pout=822mW	
Pdis=91mW			

TPS7A4700			
LDO		eff = 55%	
MAX COURANT = 1A			
Vin=3.3V		Vout=1,8V	
Iin=58mA		Iout=58mA	
Pin=190mW		Pout=104mW	
Pdis=86mW			

TPS7A33			
LDO		eff = 83%	
MAX COURANT = 1A			
Vin=-6V		Vout=-5V	
Iin=57,2mA		Iout=-57mA	
Pin=343mW		Pout=285mW	
Pdis=58			

3V3	616mA
2,03W	

1V2	3A
3,6W	

1V8	608mA
1,1W	

1V8	608mA
1,1W	

1V5_analogique	548mA
0,82W	

1V8_analogique	58mA
104,4mW	

3V3_analogique	900mA
2,97W	

5V_analogique	57mA
285mW	

-5V_analogique	57mA
285mW	

24V	1,942A
45,6W	