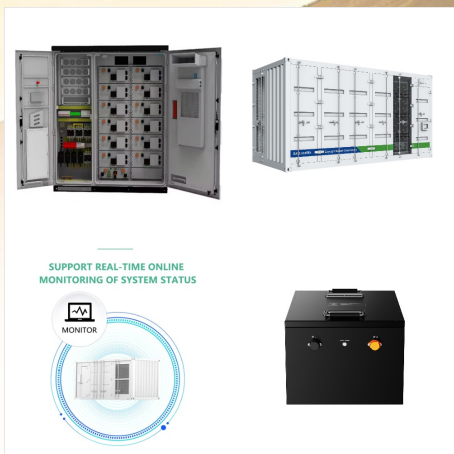




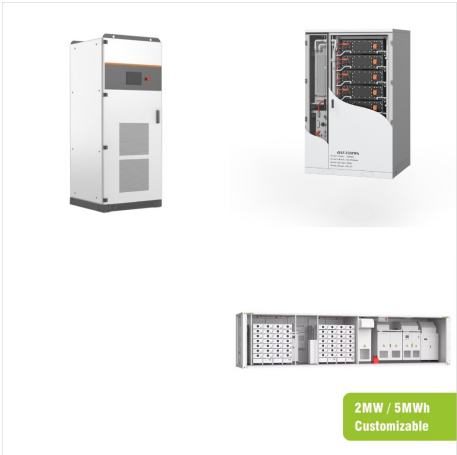
Download schematic symbols, PCB footprints, 3D Models, pinout & datasheet for the TP4056 by NanJing Top Power ASIC Corp.. Complete single cell Li-Ion battery with a constant current / constant voltage linear charger. Exports to OrCAD, Allegro, Altium, PADS, Eagle, KiCad, Diptrace & ???



NanJing Top Power ASIC Corp. 2 REV_1.2 TP4069 TP4069,,
10mA-800mA?????????,SOT23-6???DFN2*2-



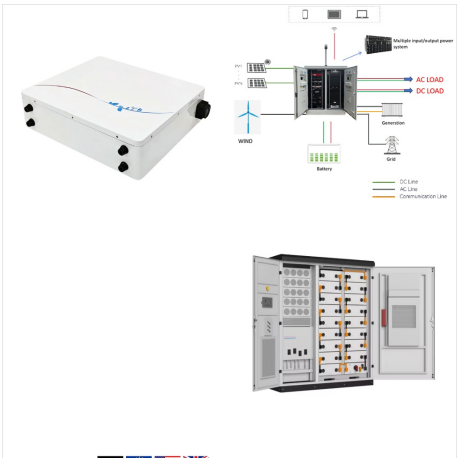
,2003,???,1500,400???



NanJing Top Power ASIC Corp. 4 REV_2.3 ??? 1/4
CHRG =5V? 1/4 ?? 1/4 ? 0 1 ? 1/4 A CHRG ??? 1/4
=5mA 0.3 0.6 V ???? Y ????=5V? 1/4 ?? 1/4 ? 0 1
? 1/4 A ?????



NanJing Top Power ASIC Corp. 2 REV_2.2 1A? 1/4
?1000mAh? 1/4 ? 0 200 400 800 1000 1200 2.75 0
0.25 0.5 0.75 1.0 1.25 1.5 1.75 2.0 TIME(HOURS) B
A T E R Y R V O L T A G E (V) 3.00 3.25 3.50 3.75
4.00 4.25 600 1400 4.50 C H A R G E C U R E N T
(m A) CONSTANT CONSTANT VOLTAGE
CURRENT CHARGE ???



NanJing Top Power ASIC Corp. DATASHEET
TP4066 (1A) TP4066 2 REV_2.2 TP4066
ESOP8/DFN2*2-8 1A Top Power ASIC ? ?*e



NanJing Top Power ASIC Corp. 2 REV_2.3 TP4065
TP4065 ,??? ,3mA-600mA??????



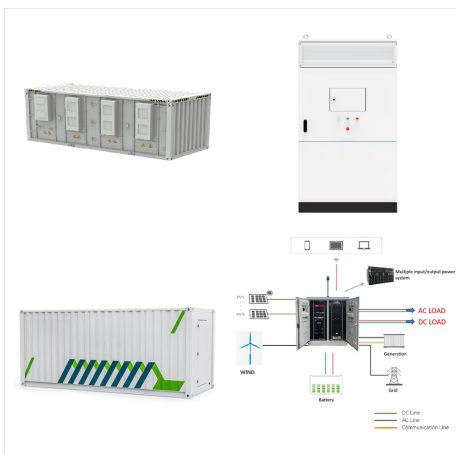
NanJing Top Power ASIC Corp. 6 REV_2.1
OPERATION TP4054 is a single lithium ion battery
charger using constant current/constant voltage
algorithm. It is capable of providing 400mA charging
current (with the help of a thermally designed PCB
layout) and an internal P-channel power MOSFET
and thermal regulation circuit.



Nan Jing Top Power ASIC Corp. 8 REV_2.0
OPERATION TP4060 is a single cell lithium-ion
battery charger that uses a constant
current/constant voltage algorithm. It can provide a
charging current of 800mA (with the help of a
well-designed PCB layout) and an internal
P-channel power MOSFET and thermal regulation
circuit. No need to isolate



NanJing Top Power ASIC Corp. 5 REV_1.1
,TA=25???,VCC=5V,??? VCC 4.35 5 8.0 V



NanJing Top Power ASIC Corp. 2 REV_1.2 X
TP4055X TP4055X,??? ,500mA??????????



NanJing Top Power ASIC Corp. 5 REV_1.1
,TA=25???,VCC=5V,??? VCC 4.35 5 8.0 V



NanJing Top Power ASIC Corp. 2 REV_2.1
???1000mA, 1.2A? 1/4 ? ???1A? 1/4 ?Vbat=3.3V?
1/4 ?, 1.5A(Vbat=3.8v)? 1/4 ? ??? 1/4 ?VFM? 1/4
?, ? 1/4 ?5V10uA? 1/4 ?, ???



NanJing Top Power ASIC Corp. 1 REV_2.1 NanJing
Top Power ASIC Corp. DATASHEET TP5602
TP5602B 41 (3A???5V3A ??????)