

NJRC's CMOS SW Regulator Featuring the NJU76xx series

NJR
NEWS

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NJU76xx series

NJRC's CMOS SW Regulator Control IC Series

This newsletter talks about NJRC'S SW Regulator Control IC, the NJU76xx **Boost/Fly-buck** type.

■ FEATURES (NJU7601 shown below)

- **Low Operating Voltage Range:** 2.2V to 8.0V
- **Low Consumption Current:** 800 μ A(typ.)
- **High Efficiency:** η =80 to 90%
- **High Speed Switching Frequency:** 300kHz to 1MHz
- **Soft Start / Dead Time / Short Circuit Protection**
can set independently.
- **Small and Thin Package:** TVSP8, DMP8

TVSP10 (NJU7606 only),
FFP12(NJU7608 only)

■ APPLICATIONS

All the mobile equipments,
LCD power module etc.

Please see below:

Please ask us about other product's detail spec.

P/N	FUNCTION	APPLICATION	PACKAGE
NJU7601	Boost / Fly-buck Switching Regulator w/ PWM / PFM Change Control Function	Any Portable Equipment, Power Supply of LCD etc	DMP8 TVSP8
NJU7602	Boost / Fly-buck Switching Regulator w/ Standby Function	Battery Application: Cell Phone, DSC, DVC, Class-D Amp etc	DMP8 TVSP8
NJU7606	Boost / Fly-buck Switching Regulator w/ Load Switch Function		TVSP10
NJU7608			FFP12
NJU7610	Boost / Fly-buck Switching Regulator w/ Overcurrent Protection Function	High Power Application: LCD TV, Security Camera, Power Module etc	TVSP8
NJU7620	Boost / Fly-buck Switching Regulator w/ Constant Current Control Function	Back Light of LED, Motor Driving, Li+ Battery Charger etc	TVSP8



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