



## The NEW RELEASE of SMD Switching Regulator



MOTIEN TECHNOLOGY specializes in DC/DC Converters

and is proud to present the new product – **SVR-1.0 Series**

### > Feature:

- ✓ 1A output current / SMD 10 PIN
- ✓ Non-isolated regulator with low standby current
- ✓ Adjustable output voltage
- ✓ Continuous short circuit protection
- ✓ Low ripple and noise
- ✓ Remote ON/OFF control
- ✓ Excellent line/load regulation
- ✓ Operating temperature: -40°C ~ +105 °C (Derating)
- ✓ Efficiency is up to 96%

### > MOTIEN Non-isolated DC/DC Converter of 1A Products:

	SVR-1.0A series	VR-1.0A series
Package	10 PIN SMD 	3 PIN SIL 
Dimension	15.2 x 11.8 x 3.6 mm	11.68 x 10.16 x 7.50 mm
Output current	1 A	1 A
Output Voltage (Vdc)	1.2 ~ 15	1.5 ~ 5
Input Voltage (Vdc)	3 ~ 5.5 / 4.6 ~ 36	4.75 ~ 18 / 6.5 ~ 18
Non-isolated	Yes	Yes
Short circuit protection	Yes	Yes
Adjustable output voltage	Yes	No
Remote ON/OFF	Yes	No
Ripple & noise	Output < 7.5Vdc: 50mVpk-pk, max. Output > 7.5Vdc: 75mVpk-pk, max.	60 mVpk-pk, max.
Line regulation	Output < 3.0Vdc: + -0.5%, max. Output > 3.0Vdc: + -0.3%, max.	± 0.5%, max.
Operating temperature	-40°C ~ 105°C	-40°C ~ 60°C
Efficiency	96%, max.	94%, max.

