

ECONOLINE - DC/DC-Converter

REC1.8SU/DU Series, 1.8 Watt, DIP24, (Single & Dual Output)

RECOM

Selection Guide

Part Number DIP24	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
REC1.8-XX3.3SU	3.3, 5, 12, 24	3.3	546	70
REC1.8-XX05SU	3.3, 5, 12, 24	5	360	75
REC1.8-XX09SU	3.3, 5, 12, 24	9	200	78
REC1.8-XX12SU	3.3, 5, 12, 24	12	150	80
REC1.8-XX15SU	3.3, 5, 12, 24	15	120	82
REC1.8-XX24SU	3.3, 5, 12, 24	24	75	80
REC1.8-XX3.3DU	3.3, 5, 12, 24	±3.3	±273	70
REC1.8-XX05DU	3.3, 5, 12, 24	±5	±180	75
REC1.8-XX09DU	3.3, 5, 12, 24	±9	±100	78
REC1.8-XX12DU	3.3, 5, 12, 24	±12	±75	80
REC1.8-XX15DU	3.3, 5, 12, 24	±15	±60	82
REC1.8-XX24DU	3.3, 5, 12, 24	±24	±38	80

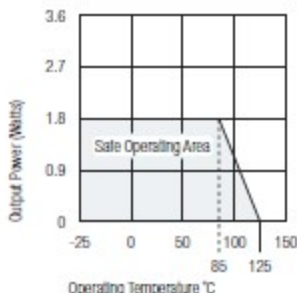


Features

- 500VDC Isolation
- High Efficiency
- Cost Effective
- Up to 1.8W Unregulated Output Power
- No Extern. Components Required
- Low Noise
- UL94V-0 Package Material

Specifications (Core Operating Area) and Operating Temperature / Derating-Graph

Input Voltage	±10%
Output Accuracy	±5%
Line Voltage Regulation	1.2%/1% V Input
Output Power	1.8 Watt max.
Load Voltage Regulation (10% - 100% Full Load)	±10%
Ripple and Noise (20MHz limited)	50mVp-p max.
Efficiency at Full Load	75% min.
Isolation Voltage	500VDC min.
Short Circuit Protection	Short Term
Switching Frequency at Full Load	35kHz min. / 78kHz max.
Operating Temperature	-25°C to +85°C (see Graph)
Storage Temperature	-55°C to +125°C



Package Style and Pinning (mm)

