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http://www.murata.com/en/products/productdetail?partno=MYMGK1R820FRSR

### MYMGK1R820FRSR









### Appearance & Shape









### **Features**

Input voltage ranges from 4.5 to 8V Settable output voltage from 0.7 to 1.8V Up to 20 Aof output current Quick tansient response to load change Small package, 9 x 10.5 x 5.6mm Over current protection Thermal protection Enable control Power Good signal High Reliability / Heat Shock Testing, 700cycle (-40 to +125degC) Meets CISPR 22 class B conducted emission

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# MYMGK1R820FRSR



# **Specifications**

lout(A)Max	20A
Vin(V)	4.5V to 8V
Vin(V)typ	5V
Vout(V)	0.7V to 1.8V
Vout(V)typ	1V
LineRegulation (%)	-1.5% to 1.5%
LoadRegulation (%)	-1% to 1%
Outputs (#)	1
Efficiency (%)	89.2%
Switching frequency (kHz)	500kHz
Size(mm)W	9.0mm
Size(mm)L	10.5mm
Size(mm)T	5.6mm
Operatingtemperature(degC)	-40°C to 85°C
Circuit topology	Buck(Step-down)
Package	SMD
Туре	Modules (integrated components)
Productseries	MYMGK
Product Series Features	MYMGK series which is POL (Point of Load)  is single output MonoBK.
Brand	Murata

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