

# PT084255

## Description

PT084255 is a forward planar transformer with a power rating up to 140W. It is PPAP Level 3 capable and RoHS/REACH compliant. It can be used for applications in automotive, telecom, etc. PT084255 or a similar part can be customized to meet your specific needs. If required, please see the Custom Request section.

## Application

PT084255 offers a planar package that is highly efficient, low-profile, and small foot print. It can serve as an excellent solution to power problems that require greater power in a smaller physical package.

## Transformer Characteristics

Operating Frequency	200 KHz
Primary/Leakage Inductance	153 $\mu$ H Min/0.45 $\mu$ H Max
Input Voltage	22V Min, 41V Nom, 60V Max
Output Voltage	3.3V Nom
Power Output	140W
Rated Secondary Current	30A Nom
RDC	(2-5): 35 m $\Omega$ Max (7-11): 7 m $\Omega$ Max
Turns Ratio	(2-5):(7-11)=8.0:4.0

