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NCP1342 NCP1342 X2 30 mW NCP1342 6 NCP1342 NCP1342 (MPCM) NCP1342 (OPP) NTC X2

- Minimum Peak Current Modulation for Rapid Frequency Foldback (RFF)
- QR Frequency Jittering
- Quiet-Skip Technology
- Integrated HV Startup with Brownout Protection
- Valley Switching Operation with Valley Lockout
- Integrated X2 Capacitor Discharge Capability
- NTC Compatible Fault Pin
- High Drive Capability: -500 mA / +800 mA
- Latch input for OVP and OTP implementation
- Fast reduction of switching frequency for improved light load efficiency
- Reduces EMI Signature
- Ensures Operation Outside Audible Range
- Provides an efficient power-on source and protects against drops in input mains voltage
- Maximizes the efficiency over the entire power range
- Eliminates the need for a X2 resistor
- Extra protection against high temperature or other fault conditions
- Enables faster switching of primary-side MOSFET
- Simple implementation of required protection functions
- Medium or High Power AC-DC Adapters
- Ultra High Density AC-DC Adapters
- USB PD Compliant
- Notebook Adapters
- Flat TV SMPS
- Computer Power Supplies
- Phone and Tablet Adapters

	Pricing (\$/Unit)	Compliance	Status	Topology	Control Mode	f_{sw} Typ (kHz)	Stand-by Mode	UVLO (V)	Short Circuit Protection	Latch	Soft Start	V_{CC} Max (V)	Drive Cap. (mA)	Package Type
NCP1342ADDC DAD1R2G	0.5695	 	NEW	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342AMAA CD1R2G	0.4981	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342AMDA DGD1R2G	0.493	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342AMDC CDR2G	0.4175	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-8
NCP1342AMDC DAD1R2G	0.4912	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342AMDC DD1R2G	0.5568	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342AMDC DHD1R2G	0.493	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342ANAC CED1R2G	0.493	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342ANACE D1R2G	0.493	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342ANDA AD1R2G	0.4715	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342ANDB DD1R2G	0.46	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	No	Yes	30	500 / 800	SOIC-9 NB
NCP1342ANDC DAD1R2G		 	NEW											SOIC-9 NB
NCP1342BKDC DAD1R2G	0.493	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB
NCP1342BMDC DAD1R2G	0.493	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB
NCP1342BMDC DD1R2G	0.5007	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB
NCP1342BMDC DDD1R2G	0.493	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB
NCP1342DADB DD1R2G	0.4893	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB
NCP1342DADB DGD1R2G	0.5673	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB
NCP1342ENACE FD1R2G	0.4715	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB
NCP1342ENDCE AD1R2G	0.4715	 	Active	Flyback	Current Mode	Variable	Yes	9	Yes	Yes	Yes	30	500 / 800	SOIC-9 NB