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SECURITIES LITIGATION & CONSULTING GROUP

Structured Products Research Report

Report Prepared On: 10/25/12

ELKS linked to Ford Motor Company

Structured Product Details

Name	ELKS linked to Ford Motor Company
Issue Size	$8.32 million
Issue Price	$10
Term	6 Months
Annualized Coupon	12.00%
Pricing Date	November 22, 2011
Issue Date	November 28, 2011
Valuation Date	May 18, 2012
Maturity Date	May 23, 2012
Issuer	Citigroup
CDS Rate	228.78 bps
Swap Rate	0.70%
Reference Asset	Ford Motor Company's stock
Initial Level	$10.09
Conversion Price	$10.09
Trigger Price	$8.07
Dividend Rate	0.00%
Implied Volatility	45.94%
Delta[1]	0.41
Fair Price at Issue	$9.45
Realized Return	12.72%
CUSIP	17317U519
SEC Link	www.sec.gov/Archives/edgar/data/831001/000095010311004953/dp27404_424b2-elks.htm

Description

Citigroup issued $8.32 million of ELKS linked to Ford Motor Company on November 28, 2011 at $10 per note.

These notes are Citigroup-branded single observation reverse convertibles. Single observation reverse convertibles pay periodic interest coupons and at maturity convert into shares of the reference security if the price of the reference security at the notes' maturity is below the trigger price determined when the notes were issued.

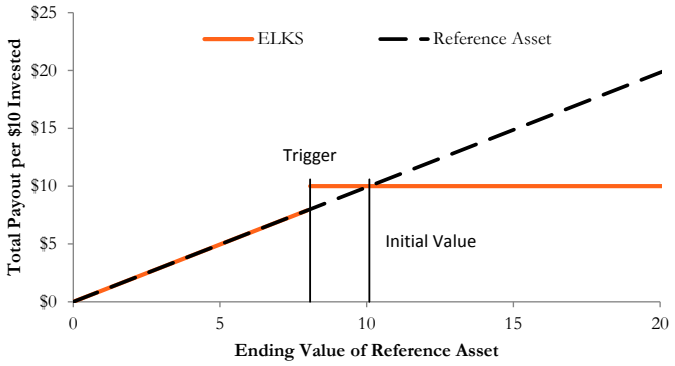
These 6-month notes pay monthly coupons at an annualized rate of 12.00%. In addition to the monthly coupons, on May 23, 2012 investors will receive the market value of 0.99 share of Ford Motor Company's stock if on May 18, 2012 Ford Motor Company's stock closes below $8.07 (80% of Ford Motor Company's stock price on November 22, 2011). Otherwise, investors will receive the $10 face value per note.

Valuation

This Citigroup single observation reverse convertible linked to Ford Motor Company's stock can be valued as a combination of a note from Citigroup and a short European out-of-the-money cash-or-nothing put option, and a short European out-of-the-money put option on Ford Motor Company's stock. For reasonable valuation inputs this note was worth $9.45 per $10 when it was issued on November 28, 2011 because investors were effectively being paid only $0.43 for giving Citigroup options which were worth $0.99.

There is no active secondary market for most structured products. Structured products, including this note, therefore are much less liquid than simple stocks, bonds, notes and mutual funds. Investors are likely to receive less than the structured product's estimated market value if they try to sell the structured product prior to maturity. Our valuations do not incorporate this relative lack of liquidity and therefore should be considered an upper bound on the value of the structured product.

Payoff Curve at Maturity



The payoff diagram shows the final payoff of this note given Ford Motor Company's stock price (horizontal axis). For comparison, the dashed line shows the payoff if you invested in Ford Motor Company's stock directly.

Related Research

Research Papers:

www.slcg.com/research.php

- *"Are Structured Products Suitable for Retail Investors?"* December 2006.
- *"Structured Products in the Aftermath of Lehman Brothers,"* November 2009.
- *"What TiVo and JP Morgan Teach Us about Reverse Convertibles,"* June 2010.

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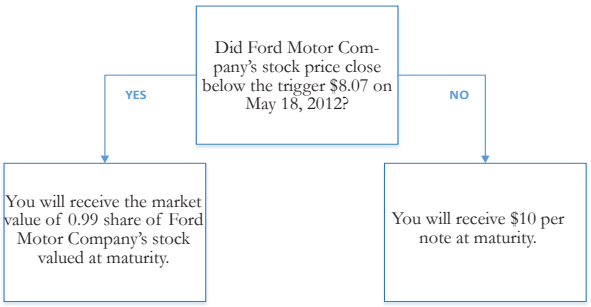
Principal Payback Table

Ford Motor Company's Stock	Note Payoff
$0.00	$0.00
$1.01	$1.00
$2.02	$2.00
$3.03	$3.00
$4.04	$4.00
$5.05	$5.00
$6.05	$6.00
$7.06	$7.00
$8.07	$10.00
$9.08	$10.00
$10.09	**$10.00**
$11.10	$10.00
$12.11	$10.00
$13.12	$10.00
$14.13	$10.00
$15.14	$10.00

Maturity Payoff Diagram



The contingent payoffs of this ELKS.

Analysis

This single observation reverse convertible's 12.00% coupon rate is higher than the yield Citigroup paid on its straight debt but, in addition to Citigroup's credit risk, investors bear the risk that they will receive shares of Ford Motor Company's stock when those shares are worth substantially less than the face value of the note at maturity.

Investors purchasing these reverse convertibles effectively sell put options to Citigroup and post the note's issue price as collateral to secure satisfaction of the investors' obligations under the option contracts. Citigroup pays investors a "coupon" that is part payment for the put options and part interest on the investors' posted collateral. This reverse convertible is fairly priced if and only if the difference between the reverse convertible's "coupon rate" and interest paid on Citigroup's straight debt equals the value of the put option investors are giving to Citigroup. Whether this reverse convertible is suitable or not is identically equivalent to whether selling put options on the reference stock at the option premium being paid by Citigroup was suitable for the investor.

Citigroup's Stock Price

The graph above shows the adjusted closing price of the issuer Citigroup for the past several years. The stock price of the issuer is an indication of the financial strength of Citigroup. The adjusted price shown above incorporates any stock split, reverse stock split, etc.

Citigroup's CDS Rate

Credit default swap (CDS) rates are the market price that investors require to bear credit risk of an issuer such as Citigroup. CDS rates are usually given in basis points (bps). One basis point equals 0.01%. Higher CDS rates reflect higher perceived credit risk, higher required yields, and therefore lower market value of Citigroup's debt, including outstanding ELKS. Fluctuations in Citigroup's CDS rate impact the market value of the notes in the secondary market.

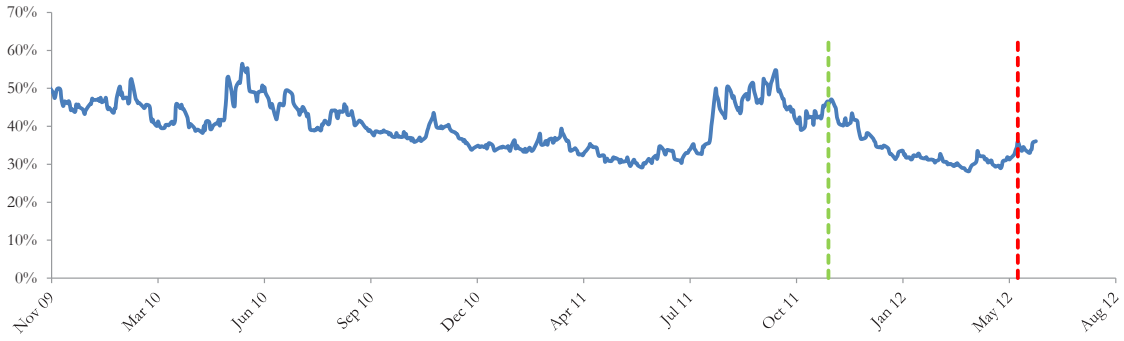
Ford Motor Company's Stock Price

The graph above shows the historical levels of Ford Motor Company's stock for the past several years. The final payoff of this note is determined by Ford Motor Company's stock price at maturity. Higher fluctuations in Ford Motor Company's stock price correspond to a greater uncertainty in the final payout of this ELKS.

Realized Payoff

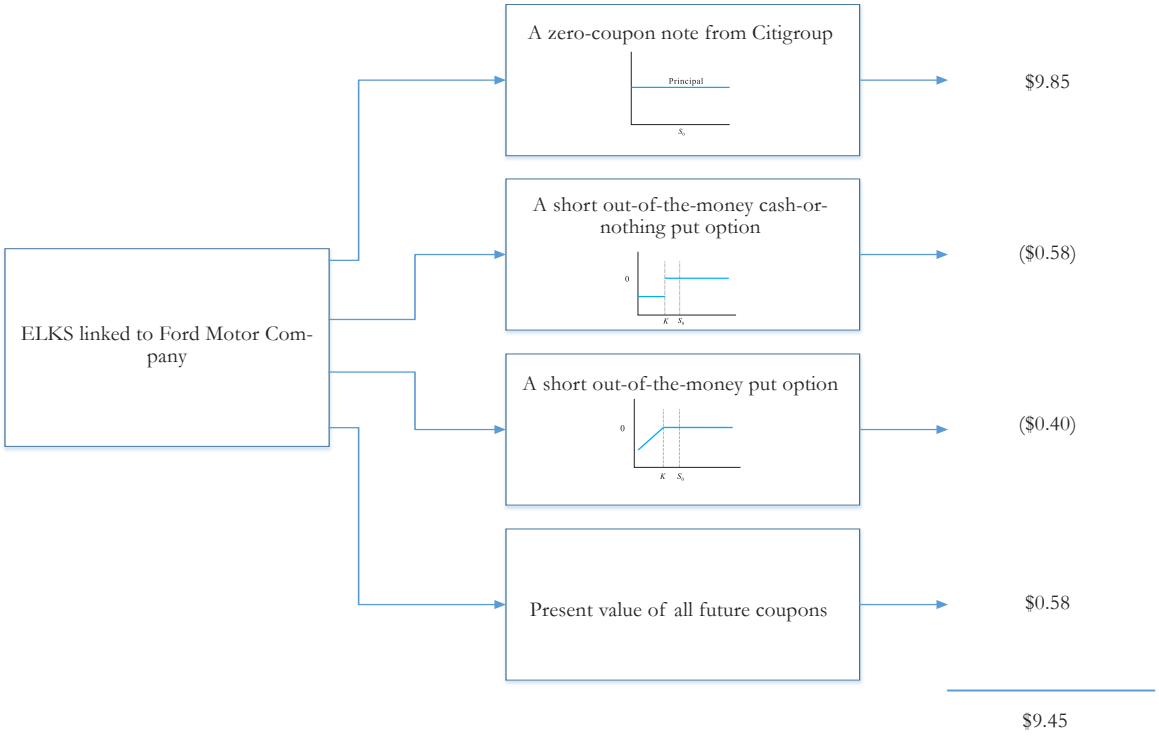
This note matured on May 23, 2012 and investors received $10.00 per note.

Reference Asset Ford Motor Company's Stock's Implied Volatility



The annualized implied volatility of Ford Motor Company's stock on November 22, 2011 was 45.94%, meaning that options contracts on Ford Motor Company's stock were trading at prices that reflect an expected annual volatility of 45.94%. The higher the implied volatility, the larger the expected fluctuations of Ford Motor Company's stock price and of the Note's market value during the life of the Notes.

Decomposition of this ELKS



This note can be decomposed into different components, and each component can be valued separately. The chart above shows the value of each component of this ELKS.

1. Delta measures the sensitivity of the price of the note to the Ford Motor Company's stock price on November 22, 2011.
2. CDS rates can be considered a measure of the probability that an issuer will default over a certain period of time and the likely loss given a default. The lower the CDS rate, the lower the default probability. CDS rate is given in basis points (1 basis point equals 0.01%), and is considered as a market premium, on top of the risk-free rate, that investors require to insure against a potential default.
3. Fair price evaluation is based on the Black-Scholes model of the Ford Motor Company's stock on November 22, 2011.
4. Calculated payout at maturity is only an approximation, and may differ from actual payouts at maturity.
5. Our evaluation does not include any transaction fees, broker commissions, or liquidity discounts on the notes.