Part I  Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For Individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see How to get a TIN on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II  Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and

2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and

3. I am a U.S. citizen or other U.S. person (defined below), and

4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding.

Exemption from FATCA reporting code (if any) ________________

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, payments made to you in settlement of payment card and third party network transactions, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),

2. Certify that you are not subject to backup withholding, or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

• An individual who is a U.S. citizen or U.S. resident alien,

• A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,

• An estate (other than a foreign estate), or

• A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

Cat. No. 10231X  Form W-9 (Rev. 8-2013)
Form W-9 (Rev. 12-2015)

**Exemptions**

If you are exempt from backup withholding and/or FATCA reporting, enter the Exemption Code on page 2. Additional pages are available upon request.

**Information Reporting**

The Internal Revenue Service (IRS) requires you to furnish your correct TIN for your income tax return purposes. If you do not provide a correct TIN, we must withhold tax at the highest applicable rate.

**Payments Made**

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN when required.
2. You fail to certify your TIN when required. If you certify the TIN, you will be subject to backup withholding if you fail to report your TIN on the tax return.
3. You certify the TIN and certain payments to you are subject to backup withholding because you are not a U.S. person, do not have a valid TIN, or do not report the TIN on your tax return.
4. An IRS notice of your failure to open an account in conformity with the law is received.
5. You are a cash transaction reporting person and report cash payments you make to a non-U.S. payee in excess of $10,000 without a TIN on Form 8300 (or any successor form).

**Certification**

If you are a U.S. person and do not certify the TIN, you will be subject to backup withholding on payments paid or credited to you after December 31, 2014, unless you provide identifying documentation that establishes that backup withholding is not required.

**Backup Withholding Rate**

Backup withholding applies at a rate of 24%.

**Certification**

You certify that you are not required to be in backup withholding and that the certification is true and correct.
Exempt payee code. Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends. Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.

Note. If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding.

The following codes identify payees that are exempt from backup withholding:

1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
2—The United States or any of its agencies or instrumentalities
3—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
5—A corporation
6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States
7—A futures commission merchant registered with the Commodity Futures Trading Commission
8—A real estate investment trust
9—An entity registered at all times during the tax year under the Investment Company Act of 1940
10—A common trust fund operated by a bank under section 584(a)
11—A financial institution
12—A middleman known in the investment community as a nominee or custodian
13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

<table>
<thead>
<tr>
<th>IF the payment is for...</th>
<th>THEN the payment is exempt for...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest and dividends</td>
<td>All exempt payees except for 7</td>
</tr>
<tr>
<td>Broker transactions</td>
<td>Exempt payees 1 through 4 and 6</td>
</tr>
<tr>
<td></td>
<td>through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.</td>
</tr>
<tr>
<td>Barter exchange transactions and patronage dividends</td>
<td>Exempt payees 1 through 4</td>
</tr>
<tr>
<td>Payments over $600 required to be reported and direct sales over $5,000</td>
<td>Generally, exempt payees 1 through 5^2</td>
</tr>
<tr>
<td>Payments made in settlement of payment card or third party network transactions</td>
<td>Exempt payees 1 through 4</td>
</tr>
</tbody>
</table>

1 See Form 1099-MISC, Miscellaneous Income, and Its Instructions.
2 However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney, and payments for services paid by a federal executive agency. Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to reporting requirements.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(7)
B—The United States or any of its agencies or instrumentalities
C—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in section 1.1472-1(c)(1)(i)
E—A corporation that is a member of the same expanded affiliated group as a corporation described in Reg. section 1.1472-1(c)(1)(i)
F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust
H—A regulated Investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
I—A common trust fund as defined in section 584(a)
J—A bank as defined in section 581
K—A broker
L—A trust exempt from tax under section 664 or described in section 4947(a)(11)
M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get a SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see How to get a TIN below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see Limited Liability Company (LLC) on page 2), enter the owner’s SSN (or EIN, if the owner has one). Do not enter the disregarded entity’s EIN. If the LLC is classified as a corporation or partnership, enter the entity’s EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676). If you are asked to complete Form W-7 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Cautions: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if Items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified by the "Name" line must sign. Exempt payees, see Exempt payee code earlier.

Signature requirements. Complete the certification as indicated in Items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out Item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out Item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester’s trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members, and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage Interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions, distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.
What Name and Number To Give the Requester

For this type of account: Give name and SSN of:

1. Individual
   - The individual
2. Two or more individuals (joint account)
   - The actual owner of the account or, if combined funds, the first individual on the account\(^1\)
3. Custodian account of a minor (Uniform Gift to Minors Act)
   - The minor\(^2\)
4. a. The usual revocable savings trust (grantor is also trustee)
   - The grantor-trustee\(^1\)
b. So-called trust account that is not a legal or valid trust under state law
   - The actual owner\(^1\)
5. Sole proprietorship or disregarded entity owned by an individual
   - The owner\(^3\)
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulation section 1.671-4(b)(2)(iv))\(^4\)
   - The grantor\(^*\)

For this type of account: Give name and EIN of:

7. Disregarded entity not owned by an individual
   - The owner
8. A valid trust, estate, or pension trust
   - The corporation\(^*\)
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553
   - The organization
10. Association, club, religious, charitable, educational, or other tax-exempt organization
    - The partnership
11. Partnership or multi-member LLC
    - The broker or nominee
12. A broker or registered nominee
    - The public entity
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments
    - The trust
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulation section 1.671-4(b)(2)(vi))\(^4\)

\(^1\) List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person’s number must be furnished.

\(^2\) Circle the minor’s name and furnish the minor’s SSN.

\(^3\) You must show your individual name and you may also enter your business or "DBA" name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

\(^4\) List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see Special rules for partnerships on page 1.

*Note: Grantor also must provide a Form W-9 to trust of trustee.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, social security number (SSN), or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:
- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4440 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4776 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission (FTC) at spam@uce.gov or contact them at www.consumer.gov/idtheft or 1-877-438-4338.

Visit IRS.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 5406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.