

## 製品概要

# 産業用ゲートドライバIC

インフィニオンの産業用ゲートドライバICは、1チャンネルハイサイドドライバと1チャンネルローサイドドライバから3相レベルシフトドライバと電流検知ICまでの幅広い品揃えをご用意しています。インフィニオンのゲートドライバICのモデルとタイプの品揃えにより、ほぼすべてのアプリケーションに対するソリューションが可能になります。

ドライバ選定を簡略化するため、この概要はドライバICが使用可能なアプリケーションのトポロジ別ではなく、ゲートドライバICのトポロジ別に構成されています。

### 凡例

|              |                   |
|--------------|-------------------|
| Brake        | ブレーキチョッパの出力       |
| BS           | ブートストラップダイオード     |
| CAO          | 電流アンプ出力           |
| Clamp        | アクティブミラークランプ      |
| Comp         | コンパレータ            |
| CS           | 電流検出              |
| CT           | コアレストランス          |
| DESAT        | 非飽和検出             |
| Direct Drive | JFET専用コントロール      |
| EN           | イネーブル             |
| ERR(SD)      | シャットダウンによるエラーレポート |
| FLT          | 障害レポート            |
| IBD          | 統合ブートストラップダイオード   |

|        |                |
|--------|----------------|
| IREG   | 電流レギュレータ       |
| OCP    | 過電流保護          |
| OpAmp  | オペアンプ          |
| P_DT   | プログラマブル不感時間    |
| P_SF   | プログラマブルシャットダウン |
| RST    | 障害リセット         |
| SD     | シャットダウン        |
| SepOut | シンク出力とソース出力の分離 |
| SOSC   | 自励発振           |
| SPLG   | 論理グラウンド独立ピン    |
| SS     | ソフト過電流シャットダウン  |
| TLTO   | 2レベルターンオフ      |
| UVLO   | 低電圧ロックアウト      |
| VOUT   | 始動電圧出力         |

### シングルハイサイド



| オフセット<br>電圧 | $I_{O+}/I_{O-}$<br>標準 [mA] | 伝搬遅延<br>オフTyp値<br>[ns] | 伝搬遅延<br>オンTyp値<br>[ns] | 機能                          | DSO-8             | DSO-16           | DIP-8             | SOT-23、6ピン |
|-------------|----------------------------|------------------------|------------------------|-----------------------------|-------------------|------------------|-------------------|------------|
| 1200        | 500/500                    | 300                    | 300                    | UVLO, SepOut                | 1EDI05I12AF       |                  |                   |            |
|             | 1000/1000                  | 300                    | 300                    | UVLO, Clamp                 | 1EDI10I12MF       |                  |                   |            |
|             | 2000/2000                  | 300                    | 300                    | UVLO, SepOut                | 1EDI20I12AF       |                  |                   |            |
|             |                            | 120                    | 115                    | UVLO, SepOut                | 1EDI20N12AF       |                  |                   |            |
|             |                            | 300                    | 300                    | UVLO, Clamp                 | 1EDI20I12MF       |                  |                   |            |
|             |                            | 165                    | 170                    | UVLO, DESAT, RST, FLT       |                   | 1ED020I12-F2/-B2 |                   |            |
|             |                            | 1750                   | 1750                   | UVLO, DESAT, RST, FLT, TLTO |                   | 1ED020I12-FT/-BT |                   |            |
|             | 3000/3000                  | 300                    | 300                    | UVLO, Clamp                 | 1EDI30I12MF       |                  |                   |            |
|             | 4000/4000                  | 300                    | 300                    | UVLO, SepOut                | 1EDI40I12AF       |                  |                   |            |
|             |                            | 300                    | 300                    | UVLO, SepOut                | 1EDI60I12AF       |                  |                   |            |
| 600         | 6000/6000                  | 125                    | 120                    | UVLO, SepOut                | 1EDI60N12AF       |                  |                   |            |
|             | 160/240                    | 215                    | 140                    | UVLO, $\mu$ HVIC            |                   |                  |                   | IRS25752L  |
|             | 250/500                    | 105                    | 125                    | UVLO                        | IR211(7,8)        |                  | IR211(7,8)        |            |
|             |                            | 140                    | 200                    | UVLO, OCP, FLT, CS          | IR212(7,71,8)     |                  | IR212(7,71,8)     |            |
|             | 290/600                    | 105                    | 125                    | UVLO                        | IRS211(7,71,8)    |                  | IRS211(7,8)       |            |
|             |                            | 150                    | 150                    | UVLO, OCP, FLT, CS          | IRS212(7,71,8,81) |                  | IRS212(7,71,8,81) |            |
|             | 500/600                    | 140                    | 140                    | UVLO, RST                   | IRS2123           |                  |                   |            |
|             |                            | 140                    | 140                    | UVLO                        | IRS2124           |                  |                   |            |
|             | 4000/4000                  | 160                    | 160                    | UVLO                        | IRS21850          |                  |                   |            |
| 500         | 1600/3300                  | 150                    | 150                    | UVLO, ERR(SD), OCP, FLT, CS |                   | IR2125           | IR2125            |            |
| 200         | 160/240                    | 215                    | 140                    | UVLO, $\mu$ HVIC            |                   |                  |                   | IRS20752L  |
| 100         | 160/240                    | 215                    | 140                    | UVLO, $\mu$ HVIC            |                   |                  |                   | IRS10752L  |

| シングルローサイド   |                            |                     |                     |                             |        |            |  |  |
|-------------|----------------------------|---------------------|---------------------|-----------------------------|--------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| オフセット<br>電圧 | $I_{O+}/I_{O-}$<br>標準 [mA] | 伝搬遅延<br>オフTyp値 [ns] | 伝搬遅延<br>オンTyp値 [ns] | 機能                          | DSO-8  | SOT23, 5ピン |                                                                                     |                                                                                     |
| 25          | 300/550                    | 50                  | 50                  | UVLO, $\mu$ HVIC            |        | IR44252    |                                                                                     |                                                                                     |
|             | 1500/1500                  | 50                  | 50                  | UVLO, $\mu$ HVIC            |        | IRS44273   |                                                                                     |                                                                                     |
|             | 1500/1700                  | 50                  | 50                  | UVLO, EN, $\mu$ HVIC        |        | IR44272    |                                                                                     |                                                                                     |
|             |                            | 50                  | 50                  | UVLO, $\mu$ HVIC            |        | IR44273    |                                                                                     |                                                                                     |
| 5           | 1600/3300                  | 150                 | 150                 | UVLO, ERR(SD), OCP, FLT, CS | IR2121 |            |                                                                                     |                                                                                     |

| デュアルハイサイド   |                            |                     |                     |                       |          |              |  |  |  |  |  |  |
|-------------|----------------------------|---------------------|---------------------|-----------------------|----------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| オフセット<br>電圧 | $I_{O+}/I_{O-}$<br>標準 [mA] | 伝搬遅延<br>オフTyp値 [ns] | 伝搬遅延<br>オンTyp値 [ns] | 機能                    | DSO-16   | DSO-36       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 1200        | 2000/2000                  | 165                 | 170                 | UVLO, DESAT, RST, FLT |          | 2ED020I12-F2 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 600         | 500/500                    | 90                  | 90                  | UVLO, SPLG            | IRS21962 |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|             | 2000/2000                  | 170                 | 170                 | UVLO                  | IRS21853 |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

| デュアルローサイド   |                            |                     |                     |      |                                              |                              |                                              |                        |  |  |  |  |  |
|-------------|----------------------------|---------------------|---------------------|------|----------------------------------------------|------------------------------|----------------------------------------------|------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| オフセット<br>電圧 | $I_{O+}/I_{O-}$<br>標準 [mA] | 伝搬遅延<br>オフTyp値 [ns] | 伝搬遅延<br>オンTyp値 [ns] | 機能   | DSO-8                                        | DIP-8                        | TSSOP-8                                      | WSON-8                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 25          | 2300/3300                  | 65                  | 85                  | -    | IR25600, IR(S)4426<br>IR(S)4427, IRS4428     | IR25600, IR4426<br>IR(S)4427 |                                              |                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|             |                            | 50                  | 50                  | UVLO | IRS44262                                     |                              |                                              |                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 22          | 5000/5000                  | 19                  | 19                  | UVLO | 2EDN7524F, 2EDN8524F<br>2EDN7523F, 2EDN8523F |                              | 2EDN7524R, 2EDN8524R<br>2EDN7523R, 2EDN8523R | 2EDN7524G<br>2EDN7523G |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

| ハイサイドとローサイド |                            |                     |                     |                 |                               |             |                              |                  |            |             |  |  |  |  |  |  |
|-------------|----------------------------|---------------------|---------------------|-----------------|-------------------------------|-------------|------------------------------|------------------|------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| オフセット<br>電圧 | $I_{O+}/I_{O-}$<br>標準 [mA] | 伝搬遅延<br>オフTyp値 [ns] | 伝搬遅延<br>オンTyp値 [ns] | 機能              | DSO-8                         | DSO-14      | DSO-16,<br>DSO-20(*)         | PDIP-8           | PDIP-14    | MLPQ<br>4x4 |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 1200        | 2000/2500                  | 225                 | 280                 | UVLO, SD, SPLG  |                               |             | IR2213(WB)                   |                  | IR2213     |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 700         | 200/350                    | 200                 | 220                 | UVLO            | IR7106                        |             |                              |                  |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 600         | 200/350                    | 200                 | 220                 | UVLO, SPLG      |                               | IR21064     |                              |                  | IR21064    |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 200                 | 220                 | UVLO            | IR2106, IR25604,<br>IR(S)2301 |             |                              | IR2106<br>IR2301 |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 200                 | 200                 | UVLO, IBD       | IRS2607(2)D                   |             |                              |                  |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 210/360                    | 150                 | 160                 | UVLO            | IR210 (1, 2)                  |             |                              | IR210(1,2)       |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 250/500                    | 105                 | 125                 | UVLO, SD        |                               |             | IR2112(WB)                   |                  | IR2112     |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 290/600                    | 150                 | 160                 | UVLO            | IRS2101                       |             |                              | IRS2101          |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 200                 | 220                 | UVLO, SPLG      |                               | IRS2106(1)4 |                              |                  | IRS21064   |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 200                 | 220                 | -               | IRS2106                       |             |                              | IRS2106          |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 130                 | 135                 | UVLO, SPLG, SD  |                               |             | IRS2112(WB)                  |                  | IRS2112    |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 160                 | 160                 | UVLO, PDP       |                               |             | IRS21858(NB)                 |                  |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 500/500                    | 160                 | 160                 | UVLO, PDP       |                               | IRS21856    |                              |                  |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 280                 | 300                 | UVLO, PDP, SPLG |                               |             | IRS21956(*WB)                |                  |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 400                 | 420                 | UVLO            | 2EDL05I06BF                   |             |                              |                  |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 1900/2300                  | 180                 | 220                 | UVLO, SPLG      |                               | IR(S)21814  |                              |                  | IR(S)21814 |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 180                 | 220                 | UVLO            | IR(S)2181                     |             |                              | IR(S)2181        |            | IRS2181     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 2500/2500                  | 120                 | 130                 | UVLO, SPLG, SD  |                               |             | IR(S)2113(WB)<br>IR25607(WB) |                  | IR(S)2113  | IRS2113     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 4000/4000                  | 170                 | 170                 | UVLO, SPLG      |                               | IRS21864    |                              |                  | IRS21864   |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             |                            | 170                 | 170                 | UVLO            | IRS2186(7)                    |             |                              | IRS2186          |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 500         | 2500/2500                  | 120                 | 130                 | UVLO, SPLG, SD  |                               |             | IR(S)2110(WB)                |                  | IR(S)2110  |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 200         | 290/600                    | 150                 | 160                 | UVLO            | IRS2005                       |             |                              |                  |            | IRS2005     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 1000/1000                  | 60                  | 60                  | UVLO            | IR(S)2011                     |             |                              | IR(S)2011        |            |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|             | 3000/3000                  | 65                  | 95                  | UVLO, SPLG, SD  |                               |             | IR2010(WB)                   |                  | IR2010     |             |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

## ハーフブリッジ



| オフセット<br>電圧 | $I_{O+}/I_{O-}$<br>標準 [mA] | 伝搬遅延<br>オフTyp値 [ns] | 伝搬遅延<br>オンTyp値 [ns] | 機能                            | DSO-8                            | DSO-14,<br>DSO-18(*) | DSO-16,<br>SSOP-24(*) | PDIP-8               | PDIP-14    | MLPQ<br>4x4 |
|-------------|----------------------------|---------------------|---------------------|-------------------------------|----------------------------------|----------------------|-----------------------|----------------------|------------|-------------|
| 1200        | 1000/2000                  | 85                  | 85                  | UVLO, Comp, OpAmp             |                                  | 2ED020I12-FI(*)      |                       |                      |            |             |
|             | 2000/3000                  | 440                 | 440                 | UVLO, SPLG, FLT, SS, Desat    |                                  |                      | IR2214                |                      |            |             |
| 700         | 1900/2300                  | 270                 | 680                 | UVLO, SD                      | IR7184                           |                      |                       |                      |            |             |
|             |                            | 220                 | 220                 | UVLO                          | IR7304                           |                      |                       |                      |            |             |
| 600         | 60/130                     | 150                 | 150                 | UVLO                          | IR2304,<br>IR25601               |                      |                       | IR2304,<br>IR25601   |            |             |
|             | 180/260                    | 660                 | n.a.                | UVLO, P_SF, SD                | IR25603                          |                      |                       | IR25603              |            |             |
|             |                            | 350                 | n.a.                | UVLO, IBD, P_SF, SD           | IRS2153(1)D                      |                      |                       | IRS2153(1)D          |            |             |
|             | 200/350                    | 200                 | 220                 | UVLO                          | IR2(1,3)08,<br>IR25606           |                      |                       | IR2(1,3)08           |            |             |
|             |                            | 200                 | 750                 | UVLO, SD                      | IR(S)2302,<br>IRS2509,<br>IR2109 |                      |                       | IR2109,<br>IR2302    |            |             |
|             |                            | 170                 | 680                 | UVLO, P_DT, SD                | IR21091,<br>IRS25091             |                      |                       | IR21091              |            |             |
|             |                            | 200                 | 220                 | UVLO, SPLG, P_DT              |                                  | IR21084              |                       |                      | IR21084    |             |
|             |                            | 200                 | 750                 | UVLO, SPLG, P_DT, SD          |                                  | IR21094              |                       |                      | IR21094    |             |
|             |                            | 250                 | 250                 | UVLO, IBD                     | IRS2608D                         |                      |                       |                      |            |             |
|             |                            | 250                 | 750                 | UVLO, IBD, SD                 | IRS2609D                         |                      |                       |                      |            |             |
|             | 210/360                    | 150                 | 680                 | UVLO                          | IR2103                           |                      |                       | IR2103               |            |             |
|             |                            | 150                 | 680                 | UVLO, SD                      | IR2104                           |                      |                       | IR2104               |            |             |
|             | 250/400                    | 660                 | n.a.                | UVLO, P_SF, SD                | IR21531                          |                      |                       | IR21531              |            |             |
|             |                            | 660                 | n.a.                | UVLO, P_SF, IBD SD            | IR21531D                         |                      |                       |                      |            |             |
|             | 250/500                    | 150                 | 750                 | UVLO                          | IR2111                           |                      |                       | IR2111               |            |             |
|             | 290/600                    | 150                 | 680                 | UVLO                          | IRS2103,<br>IRS2111              |                      |                       | IRS2103,<br>IRS2111, |            |             |
|             |                            | 150                 | 150                 |                               | IRS2304,<br>IRS2308              |                      |                       | IRS2304,<br>IRS2308  |            |             |
|             |                            | 150                 | 680                 | UVLO, SD                      | IRS2104,<br>IRS2109              |                      |                       | IRS2104,<br>IRS2109  |            |             |
|             |                            | 200                 | 220                 | UVLO, SPLG, P_DT              |                                  | IRS21084             |                       |                      | IRS21084   |             |
|             |                            | 200                 | 220                 | UVLO                          | IRS2108                          |                      |                       | IRS2108              |            |             |
|             |                            | 200                 | 750                 | UVLO, P_DT, SD                | IRS21091                         |                      |                       | IRS21091             |            |             |
|             |                            | 200                 | 750                 | UVLO, SPLG, P_DT, SD          |                                  | IRS21094             |                       |                      | IRS21094   |             |
|             | 500/500                    | 400                 | 420                 | UVLO                          | 2EDL05I06PF                      | 2EDL05I06PJ          |                       |                      |            |             |
|             |                            | 300                 | 310                 | UVLO                          | 2EDL05N06PF                      | 2EDL05N06PJ          |                       |                      |            |             |
|             | 1000/2000                  | 85                  | 85                  | UVLO                          |                                  | 2ED020I06-FI(*)      |                       |                      |            |             |
|             | 1900/2300                  | 180                 | 220                 | UVLO, SPLG, P_DT              |                                  | IR(S)21834           |                       |                      | IR(S)21834 |             |
|             |                            | 180                 | 220                 | UVLO                          | IR(S)2183                        |                      |                       | IR(S)2183            |            |             |
|             |                            | 270                 | 680                 | UVLO, SD                      | IR(S)2184                        |                      |                       | IR(S)2184            |            |             |
|             |                            | 270                 | 680                 | UVLO, SPLG, SD, P_DT          |                                  | IR(S)21844           |                       |                      | IR(S)21844 | IRS21844    |
|             | 2000/3000                  | 440                 | 440                 | UVLO, SPLG, FLT, SS,<br>Desat |                                  |                      | IR2114(*)             |                      |            |             |
|             | 2300/2300                  | 400                 | 420                 | UVLO, OCP                     |                                  | 2EDL23I06PJ          |                       |                      |            |             |
|             |                            | 300                 | 310                 | UVLO, OCP                     |                                  | 2EDL23N06PJ          |                       |                      |            |             |
| 200         | 270/600                    | 150                 | 680                 | UVLO                          | IRS2003                          |                      |                       | IRS2003              |            |             |
|             |                            | 150                 | 680                 | UVLO, SD                      | IRS2004                          |                      |                       | IRS2004              |            |             |
| 100         | 1000/1000                  | 200                 | n.a.                | UVLO, P_DT, OCP, CS           | IR2085                           |                      |                       |                      |            |             |
|             | 1200/1200                  | 200                 | n.a.                | UVLO, P_DT, OCP, CS           |                                  |                      | IR2086                |                      |            |             |

## ハイサイドとデュアルローサイド



| オフセット<br>電圧 | $I_{O+}/I_{O-}$<br>標準 [mA] | 伝搬遅延<br>オフTyp値 [ns] | 伝搬遅延<br>オンTyp値 [ns] | 機能         | DSO-16       |
|-------------|----------------------------|---------------------|---------------------|------------|--------------|
| 600         | 500/500                    | 330                 | 330                 | UVLO, SPLG | IRS2195(2,3) |

## デュアルハーフブリッジ



| オフセット電圧 | $I_{O+}/I_{O-}$ 標準 [mA] | 伝搬遅延オフTyp値 [ns] | 伝搬遅延オンTyp値 [ns] | 機能                        | DSO-16 |
|---------|-------------------------|-----------------|-----------------|---------------------------|--------|
| 100     | 1200/1200               | n.a.            | n.a.            | UVLO, OCP, P_SF, P_DT, CS | IR2086 |

## 3相ブリッジ



| オフセット電圧 | $I_{O+}/I_{O-}$ 標準 [mA] | 伝搬遅延オフTyp値 [ns] | 伝搬遅延オンTyp値 [ns] | 機能                                                   | DSO-20 (WB)、TSSOP-28 (*) | DSO-28 (WB)                      | PLCC-44                  | PDIP-28 (WB) | MLPQ-34             | MQFP-64 |
|---------|-------------------------|-----------------|-----------------|------------------------------------------------------|--------------------------|----------------------------------|--------------------------|--------------|---------------------|---------|
| 1200    | 250/500                 | 700             | 750             | UVLO, SPLG, SD, OCP, CAO, FLT                        |                          | IR223(3,5)                       | IR223(3,5)               | IR223(3,5)   |                     |         |
|         | 350/540                 | 550             | 550             | UVLO, SPLG, SD, OCP, FLT, P_DT, SS, Desat, Brake, VF |                          |                                  |                          |              |                     | IR2238  |
| 600     | 200/350                 | 400             | 425             | UVLO, SPLG, EN, OCP, FLT                             |                          | IR2136, IRS2336, IR2136(3,4,5,8) | IR21363, IR2136, IRS2336 | IR2136       |                     |         |
|         |                         | 530             | 530             | UVLO                                                 | IRS2334                  |                                  |                          |              |                     | IRS2334 |
|         |                         | 530             | 530             | UVLO, EN, SPLG, IBD, OCP, FLT                        |                          | IRS2336(4)D                      | IRS26310D, IRS2336(4)D   |              | IRS2336D, IRS23365D |         |
|         |                         | 800             | n.a.            | UVLO, EN, SPLG, IBD, OCP, FLT, Brake                 |                          |                                  | IRS26302D                |              |                     |         |
|         | 240/420                 | 490             | 530             | UVLO, EN, IBD, OCP, FLT                              |                          | 6EDL04I06PT, 6EDL04I06NT         |                          |              |                     |         |
|         |                         | 530             | 530             | UVLO, EN, IBD, OCP, FLT                              |                          | 6EDL04N06PT                      |                          |              |                     |         |
|         |                         | 490             | 530             | UVLO, EN, OCP, FLT                                   |                          | 6ED003L06-F2                     |                          |              |                     |         |
|         | 250/500                 | 425             | 675             | UVLO, SPLG, OCP, FLT, CAO                            |                          | IR2130                           | IR2130                   | IR2130       |                     |         |
|         |                         | 600             | 1300            | UVLO, SD, SPLG, OCP, FLT                             |                          | IR2131                           | IR2131                   | IR2131       |                     |         |
|         |                         | 425             | 675             | UVLO, SPLG, OCP, FLT, CAO                            |                          | IR2132                           | IR2132                   | IR2132       |                     |         |
|         |                         | 700             | 750             | UVLO, SD, SPLG, OCP, FLT, CAO                        |                          | IR213(3,5)                       | IR213(3,5)               | IR2133       |                     |         |
|         |                         | 500             | 500             | UVLO, SPLG, IBD, OCP, FLT, CAO                       |                          | IRS233(0,2)D                     | IRS233(0,2)D             |              |                     |         |
|         |                         | 500             | 500             | UVLO, SPLG, OCP, FLT, CAO                            |                          | IRS233(0,2)                      | IRS233(0,2)              |              |                     |         |
| 200     | 240/420                 | 530             | 530             | UVLO, EN IBD, OCP, FLT                               | 6EDL04N02PR(*)           |                                  |                          |              |                     |         |
|         |                         | 490             | 530             | UVLO, EN, OCP, FLT                                   | 6ED003L02-F2(*)          |                                  |                          |              |                     |         |

## 電流検出



| オフセット電圧 | 機能            | DSO-8  | DSO-16 (WB) | PDIP-8 |
|---------|---------------|--------|-------------|--------|
| 1200    | SPLG, OCP, CS |        | IR2277(1)   |        |
| 600     | SPLG, OCP, CS |        | IR2177(1)   |        |
|         | OCP, CS       | IR2175 |             | IR2175 |

## 起動IC



| オフセット電圧 | $I_{O+}/I_{O-}$ 標準 [mA] | 伝搬遅延オフTyp値 [ns] | 伝搬遅延オンTyp値 [ns] | 機能       | SOT23、5ピン |
|---------|-------------------------|-----------------|-----------------|----------|-----------|
| 480     | n.a.                    | n.a.            | EN, IREG, VOUT  | IRS25751 |           |

Published by  
Infineon Technologies AG  
85579 Neubiberg, Germany

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