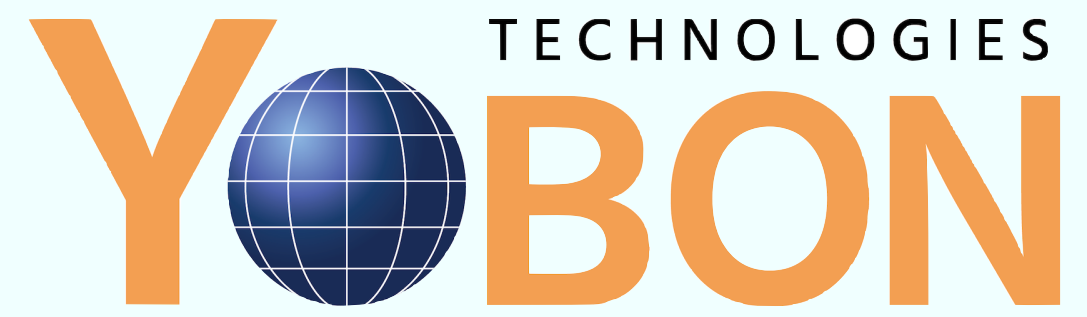
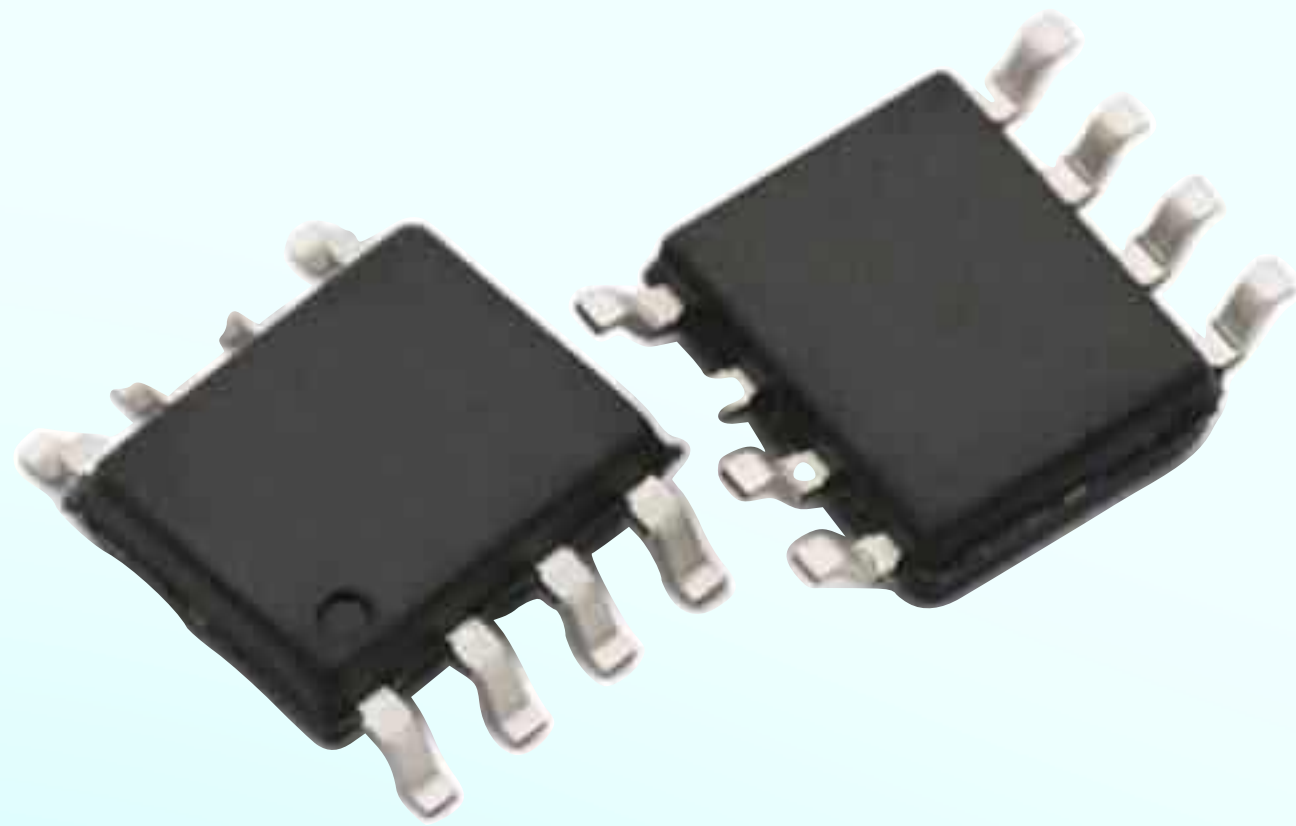




# *YoBon Selection guide*

## *2025 Q4*



## PRODUCT LINE

1.Hall sensor

2.Linear Regulator

3.Step-Down Converter

4.Step-Up Converter

5.LED Driver

6.Battery Charger

7.Load Switch

# Hall sensor

| Hall sensor |                                                                                 |            |                          |                          |                          |                                                  |
|-------------|---------------------------------------------------------------------------------|------------|--------------------------|--------------------------|--------------------------|--------------------------------------------------|
| Part No.    | Description                                                                     | Vin        | B <sub>OPS</sub> (Gauss) | B <sub>RPS</sub> (Gauss) | B <sub>HYS</sub> (Gauss) | PKG                                              |
| YB8248      | Low-Power Hall Switch                                                           | 2.5V~3.5V  | 20~40                    | 10~30                    | 10                       | SOT23/TSOT23/<br>TO92S-3L/DFN2X2-3L              |
| YB8251      | Micropower CMOS Output Hall Effect Switch                                       | 1.65V~5V   | 20~40                    | 10~30                    | 10                       | SOT23/TSO23/<br>TO92S-3L/DFN2X2-3L               |
| YB8260      | Small Package<br>Micropower CMOS Output Hall Effect Switch                      | 1.7V~5.5V  | 20~40                    | 10~30                    | 10                       | TO-92S-4 (VK Package)/DFN 1.0*1.0-4 (SS Package) |
| YB8262      | Hi Sensitivity Micropower<br>CMOS Output Hall Effect Switch                     | 1.65V~3.5V | 10~30                    | 5~25                     | 10                       | TSOT23/DFN2X2-3L                                 |
| YB8231      | Micropower CMOS Output Hall Effect Switch<br>(Out Of China)                     | 1.65V~5.5V | 20~40                    | 10~30                    | 10                       | SOT23                                            |
| YB8231A     | Micropower CMOS Output Hall Effect Switch<br>Narrowing The Magnetic Range       | 1.65V~5.5V | 25~35                    | 15~28                    | 10                       | SOT23                                            |
| YB8252      | Micropower CMOS Dual Output Hall Effect Switch                                  | 1.65~3.5V  | 30~50                    | 20-40                    | 10                       | TO92S/SOT553                                     |
| YB8251H     | Low-Power Hall Switch                                                           | 1.7V~3.5V  | 30~50                    | 20-40                    | 10                       | SOT23/TSO23/<br>TO92S-3L/DFN2X2-3L               |
| YB8254      | Single Pole<br>Micropower CMOS Unipolar Hall Effect Switch                      | 1.65V~6V   | 30 (Typ.)                | 20                       | 10                       | TSOT23                                           |
| YB8281      | Low Sensitivity Unipolar Hall Effect Switch                                     | 3V~24V     | 175                      | 95                       | 45                       | SOT23/TSO23/<br>TO92S-3L                         |
| YB8491      | Ratio-metric Linear Hall Effect Sensor                                          | 3.0V~6.5V  | -                        | -                        | ±800                     | SOT89-3<br>TO92S-3L<br>DFN2X2-3L                 |
| YB8493      | Low noise<br>Ratio-metric Linear Hall Effect Sensor                             | 3.0V~6.5V  | -                        | -                        | ±800                     | SOT23<br>TO92S-3L                                |
| YB85XX      | High sensitivity ,Low noise,Low-Power<br>Ratio-metric Linear Hall Effect Sensor | 3.0V~6.5V  | -                        | -                        | ±180~±1600               | SOT23<br>TO92S-3L                                |
| YB8276/T    | Complementary Output Hall Effect Latch                                          | 3.5V~20V   | 50/70/100                | -50/-70/-100             | 70                       | TO92                                             |
| YB8381      | 12V CMOS 3-Wire Fan Driver                                                      | 2.5V~20V   | 40(20)                   | -40(-20)                 | 40                       | TO92/SOT89                                       |
| YB8382      | 24V CMOS 3-Wire Fan Driver                                                      | 4.5V~30V   | 40(20)                   | -40(-20)                 | 40                       | TO92/SOT89                                       |
| YB8477/S    | Complementary Output Hall Effect Latch                                          | 3.5V~20V   | 70/100/130               | -0.00538461538461538     | 70                       | TO92                                             |
| YB8275      | Low Sensitivity Omni-polar Hall Switch                                          | 2.5~26     | 140~250                  | 95~205                   | 10                       | SOT23/TO92S                                      |

# Linear Regulator

| Linear Regulator |               |                |          |             |               |           |                                                      |                                      |
|------------------|---------------|----------------|----------|-------------|---------------|-----------|------------------------------------------------------|--------------------------------------|
| YB ITEM          | Vin (max) (V) | Iout (max) (A) | Iq (typ) | PSRR (dB)   | Dropout       | Softstart | Output Voltage (V)                                   | Package                              |
| B1117            | 12            | 1              | 2mA      | 60dB@120Hz  | 1.3V@1A       | NO        | 1.2V/1.5V/1.8V/2.5V/3.3V/5V/12V                      | SOT-223, TO-252, TO252               |
| YB1284           | 15            | 5A             | 5mA      | 65dB@100Hz  | 1.3V@5A       | -         | 1.8,2.5,3.3,5V ADJ(1.25~13.8V)                       | TO252 TO263-2<br>TO263-3 TO220-3     |
| YB1285           | 15            | 3A             | 5mA      | 65dB@100Hz  | 1.3V@3A       | -         | 1.8,2.5,3.3,5V ADJ(1.25~13.8V)                       | TO252 TO263-2<br>TO263-3 TO220-3     |
| YB1209           | 5.5           | 0.3            | 45uA     | 83dB@1KHz   | 230mV@300mA   | NO        | 1.0~4.0V                                             | SOT23-5, SC70-5, DFN1X1-4L           |
| YB1252           | 5.5           | 0.3            | 90uA     | 78dB@1KHz   | 210mV@300mA   | NO        | Adjustable                                           | SC-70 SOT-23-5                       |
| YB1212           | 5.5           | 0.35           | 28uA     | 70dB @ 1KHz | 250mV @300mA  | NO        | 1.5V, 1.8V, 2.8V, 3.0V, 3.3V                         | SOT23-3,SOT23-5, DFN1X1-4L           |
| YB1262           | 5.5           | 0.4            | 1.8uA    | 70dB @ 1KHz | 250mV @ 200mA | NO        | 1.2V, 1.5V, 1.8V, 2.8V, 3.0V, 3.3V, 3.6V, 5V         | SOT23-3 、 SOT89-3 FBP1*1-4 、 SOT23-5 |
| YB1233           | 5.5           | 0.5            | 35uA     | 70dB@1KHz   | 300mV@300mA   | NO        | 2.5V~4.5V                                            | SOT23, SOT25, SOT89                  |
| YB1282C          | 5.5           | 2              | 270uA    | N.A.        | 230mV@ 2A     | YES       | Adjustable                                           | SOP-8                                |
| YB1282D          | 5.5           | 2              | 270uA    | N.A.        | 230mV@ 2A     | YES       | Adjustable                                           | SOP-8, DFN10                         |
| YB1283C          | 5.5           | 3              | 270uA    | N.A.        | 230mV@ 3A     | YES       | Adjustable                                           | SOP-8, DFN10                         |
| YB1252           | 6             | 0.3            | 90uA     | 78dB@1KHz   | 210mV@300mA   | NO        | Adjustable                                           | SOT23-5 SC70-5                       |
| YB1209A          | 6             | 0.3            | 70uA     | 71dB@1K     | 205mV@300mA   | NO        | 1.2V, 1.5V, 1.8V, 2.8V, 3.0V, 3.3V, 3.6V             | SOT23-5, SC70-5, DFN1X1-4L, SOT23-3  |
| YT1263           | 6             | 0.3            | 35uA     | 70dB @ 1KHz | 100mV@100mA   | NO        | 0.9V ,1.0V ,1.2V ,1.5V,1.8V<br>2.5V ,2.8V ,3.3V 4.5V | SC70-5 SOT23-3<br>SOT23-5 DFN1x1-4L  |
| YB1255           | 6             | 0.5            | 45uA     | 83dB@1KHz   | 320mV@500mA   | YES       | 1V, 1.05V, 1.2V, 1.5V, 1.8V, 2.5V, 2.8V,<br>3V, 3.3V | SOT23-5, SC70-5, DFN1X1-4L           |

# Linear Regulator

| Linear Regulator |               |                |          |             |               |           |                                                                           |                                                                                                     |
|------------------|---------------|----------------|----------|-------------|---------------|-----------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| YB ITEM          | Vin (max) (V) | Iout (max) (A) | Iq (typ) | PSRR (dB)   | Dropout       | Softstart | Output Voltage (V)                                                        | Package                                                                                             |
| YB1279A          | 6             | 0.6            | 65uA     | 65dB @ 1KHz | 360mV @ 600mA | NO        | Adjustable                                                                | SOT23-5                                                                                             |
| YT1273           | 6             | 1              | 100uA    | 65dB @ 1KHz | 300mV @ 1A    | NO        | 1.2V, 1.8V, 2.5V, 3.3V, 5V                                                | SOT-23-5                                                                                            |
| YT9110           | 6             | 1              | 70uA     | 70dB @ 1KHz | 870mV @ 1A    | NO        | 1V, 1.2V, 1.3V, 1.5V, 1.8V, 2.5V, 2.7V, 2.8V, 2.85V, 3.0V, 3.2V, 3.3V, 5V | DFN-6, SOT-89-5, SOT-223-5, SOT-223-3, TO-263-3, TO-220-3, SOT-89- 3, TO-252-3, TO92-3 and TO-252-5 |
| YB1226           | 6.5           | 0.3            | 0.6uA    | 40dB @ 1KHz | 130mV@100mA   | NO        | 1.0~3.6V                                                                  | SOT23-5                                                                                             |
| YB1264           | 8             | 0.2            | 1uA      | N.A.        | 300mV@100mA   | NO        | 1.2V~5.5V                                                                 | SOT23/89/TO92                                                                                       |
| YB1274           | 8             | 0.3            | 0.8uA    | 40dB @ 1KHz | 460mV @ 300mA | NO        | 1.2V, 1.8V, 2.5V, 2.8V, 3.0V, 3.3V                                        | SOT23-5, DFN1X1-4L                                                                                  |
| YB1291           | 16            | 0.25           | 3uA      | N.A.        | 40mV@80mA     | NO        | 3.3V~5V                                                                   | SOT23/SOT89                                                                                         |
| YB1221           | 18            | 0.5            | 45uA     | 60dB @ 1KHz | 250mV @ 200mA | NO        | Adjustable                                                                | SOT23-5                                                                                             |
| YB1221B          | 18            | 0.5            | 1.8uA    | 65dB @ 1KHz | 125mV @ 100mA | NO        | 1.6~5.0V                                                                  | SOT89-3 SOT23-3 SOT23-5 DFN1.2x1.6-4L SOT223 SOP8                                                   |
| YB1218B          | 18            | 1              | 50uA     | 70dB@1KHz   | 1.6V @ 1A     | NO        | 0.75~5.0V                                                                 | SOT23-3 SOT223 TO252 SOT89-3 DFN2x2-6L                                                              |
| YB1257           | 30            | 0.15           | 2uA      | 50dB @ 1KHz | 1V @ 150mA    | NO        | 1.8V, 2.8V, 3.3V, 5V                                                      | SOT89-3                                                                                             |
| YB1278           | 40            | 0.15           | 2.5uA    | N.A.        | 400mV@100mA   | NO        | 1.2V~5V                                                                   | SOT89                                                                                               |
| YB1293           | 40            | 0.5            | 6uA      | 50dB@100Hz  | 300mV@100mA   | NO        | 1.8V,3.3V,3.6V, 5.0~10V                                                   | SOT89-3                                                                                             |
| YB1260           | 60            | 0.1            | 2.5uA    | 75dB @ 1KHz | 100mV@10mA    | NO        | 3.0V,3.3V,4.4V,5.0V,5.3V,5.75V                                            | SOT23-3,SOT89-3                                                                                     |

# Step-Down Converter

| YB ITEM | Type<br>(converter/controller) | Vin (min) (V) | Vin (max) (V) | Iout (max) (A) | fsw (kHz) | Iq (typ) (mA) | Vfb (typ) (V) | Sync | Max Duty<br>Cycle (%) | Package                              |
|---------|--------------------------------|---------------|---------------|----------------|-----------|---------------|---------------|------|-----------------------|--------------------------------------|
| YB6103  | converter                      | 2.7           | 5.5           | 1              | 1500      | 0.04          | 0.6           | Yes  | -                     | SOT23-5<br>DFN2x2-6L                 |
| YB6108  | converter                      | 2.8           | 5.5           | 2              | 1200      | 0.015         | 0.6           | Yes  | -                     | SOT23-5<br>SOT23-6                   |
| YT1628  | converter                      | 2.6           | 5.5           | 1.5            | 2000      | 0.08          | 0.6           | Yes  | 100                   | SOT23-5<br>DFN2x2-6<br>DFN1.6x1.6-6L |
| YB6839  | converter                      | 2.6           | 5.5           | 2              | 2000      | 0.08          | 0.6           | Yes  | 100                   | SOT23-5<br>DFN1.6x1.6-6L             |
| YB6206  | converter                      | 2.3           | 5.5           | 6              | 4000      | 0.05          | 0.5           | Yes  | 100                   | DFN3x2-9L                            |
| YB6120  | converter                      | 2.7           | 6             | 2              | 1500      | 0.05          | 0.6           | Yes  | -                     | SOT23-5                              |
| YT1642B | converter                      | 2.5           | 6             | 2              | 1000      | 0.06          | 0.6           | Yes  | 100                   | SOT23-6                              |
| YB1623A | converter                      | 3.5           | 16            | 2              | 500       | 0.5           | 0.6           | Yes  | 95                    | SOT23-6                              |
| YT1633  | converter                      | 4.5           | 16            | 3              | 500       | 0.5           | 0.8           | Yes  | 92                    | SOT23-6                              |
| YB1621  | converter                      | 4.5           | 17            | 2              | 500       | 0.6           | 0.6           | Yes  | 94                    | SOT23-6                              |
| YB1637  | converter                      | 4.5           | 16            | 3              | 500       | 0.6           | 0.765         | Yes  | 94                    | SOT23-6                              |
| YB1627  | converter                      | 4.5           | 17            | 2              | 800       | 0.6           | 0.805         | Yes  | 94                    | SOT563                               |
| YB1637C | converter                      | 4.5           | 17            | 3              | 800       | 0.6           | 0.805         | Yes  | 94                    | SOT563                               |
| YB1629  | converter                      | 4.5           | 18            | 2              | 500       | 0.12          | 0.6           | Yes  | -                     | SOT23-6                              |
| YB1638B | converter                      | 4.5           | 18            | 2              | 1400      | 0.12          | 0.6           | Yes  | -                     | SOT563                               |

# Step-Down Converter

| YB ITEM | Type<br>(converter/controller) | Vin (min) (V) | Vin (max) (V) | Iout (max) (A) | fsw (kHz) | Iq (typ) (mA) | Vfb (typ) (V) | Sync | Max Duty<br>Cycle (%) | Package                                    |
|---------|--------------------------------|---------------|---------------|----------------|-----------|---------------|---------------|------|-----------------------|--------------------------------------------|
| YB1632G | converter                      | 4.2           | 18            | 2              | 500       | 0.5           | 0.768         | Yes  | 92                    | SOT23-6                                    |
| YT1632  | converter                      | 4.2           | 18            | 2              | 500       | 0.8           | 0.8           | Yes  | 92                    | SOT23-6                                    |
| YB2952A | converter                      | 4.75          | 18            | 2              | 450       | 1.5           | 0.925         | NA   | 90                    | SOP8-EP                                    |
| YB1639  | converter                      | 4.5           | 18            | 3              | 500       | 0.12          | 0.6           | Yes  | -                     | SOT23-6                                    |
| YB1636  | converter                      | 4.2           | 18            | 3              | 500       | 0.15          | 0.8           | Yes  | 93                    | ESOP8                                      |
| YB2953A | converter                      | 4.75          | 18            | 3              | 370       | 1.3           | 0.925         | Yes  | 90                    | SOP8-EP                                    |
| YB1618  | converter                      | 4.5           | 18            | 4              | 500       | 1.6           | 0.8           | Yes  | 85                    | ESOP8<br>DFN3*3-8L                         |
| YB6114  | converter                      | 3.3           | 18            | 6              | 200~1600  | 0.6           | 0.6           | Yes  | -                     | QFN4×4-16L<br>QFN3.5×3.5-14L<br>QFN3×3-14L |
| YB6125  | converter                      | 4.6           | 24            | 5              | 500       | 0.12          | 0.6           | Yes  | -                     | SOP8-EP                                    |
| YB6121  | converter                      | 4.7           | 40            | 1              | 1000      | 0.12          | 0.6           | Yes  | -                     | SOT23-6                                    |
| YB6123  | converter                      | 4.7           | 40            | 3              | 500       | 0.135         | 0.6           | Yes  | -                     | SOP8-EP                                    |
| YB6131  | converter                      | 4             | 48            | 0.6            | 1400      | 0.135         | 0.6           | Yes  | -                     | SOT23-6                                    |
| YB6136  | converter                      | 4.5           | 60            | 0.6            | 1600      | 0.2           | 0.8           | Yes  | -                     | SOT23-6                                    |
| YB6162  | converter                      | 8.5           | 60            | 3.6            | ADJ       | 1.5           | 1             | Yes  | -                     | SOP8                                       |

# Step-Up Converter

| YB ITEM | Kind<br>(boost /<br>charger<br>pump) | Type       | Vin<br>(min)<br>(V) | Vin<br>(max)<br>(V) | Iout<br>(max)<br>(A) | Vout<br>(max)<br>(V) | fsw<br>(max)<br>(kHz) | Iq (typ)<br>(mA) | Vfb (typ)<br>(V) | Sync | Comp | Current<br>Limit<br>(A) | SS       | Max<br>Duty<br>Cycle<br>(%) | Package   | Item                                                           | Special<br>Features           |
|---------|--------------------------------------|------------|---------------------|---------------------|----------------------|----------------------|-----------------------|------------------|------------------|------|------|-------------------------|----------|-----------------------------|-----------|----------------------------------------------------------------|-------------------------------|
| YB1501  | boost                                | converter  | 0.6                 | 4.4                 | 0.5                  | 5.5                  | 1000                  | 0.3              | 1.23             | Yes  | NA   | 0.85                    | internal | 85                          | SOT23-6L  | YB1501ST26                                                     | PFM/PWM<br>Single AA<br>boost |
| YT1504  | boost                                | converter  | 2.5                 | 5.5                 | 1.5~3                | NA                   | 1000                  | 0.1              | 0.6              | NA   | NA   | 3.5                     | internal | NA                          | SOT23-6   | YT1504ST26                                                     | Boost Controller              |
| YB1507  | boost                                | converter  | 0.9                 | 5.5                 | 1                    | 3V, 3.3V, 5V         | 320                   | 0.0075           | NA               | Yes  | Yes  | 1                       | internal | 80                          | SOT23-5   | YB1507ST25X<br>300<br>YB1507ST25X<br>330<br>YB1507ST25X<br>500 | PFM                           |
| YB1508A | boost                                | converter  | 3                   | 12                  | 0.8~2                | 20                   | 1000                  | 0.2              | 0.6              | NA   | NA   | 2                       | internal | 97                          | SOT-23-6L | B1508AST23AD                                                   | Boost Controller              |
| YT2200  | boost                                | controller | 2.6                 | 16                  | NA                   | NA                   | 800                   | 0.4              | 1                | NA   | Yes  | NA                      | internal | 90                          | SOP-8     | YT2200ST26                                                     | Boost Controller              |
|         | boost                                | controller | 2.6                 | 16                  | NA                   | NA                   | 800                   | 0.4              | 1                | NA   | Yes  | NA                      | internal | 90                          | SOP-8     | YT2200SOP8                                                     |                               |
| YB1536  | boost                                | converter  | 0.9                 | 5                   | 0.3                  | 5.5                  | 1000                  | 0.008            | 0.5              | NA   | Yes  | NA                      | internal | 90                          | SOT89-3   | YB1536ST89<br>YT1536ST89                                       | PWM control                   |
| YB1542  | boost                                | converter  | 2                   | 24                  | 2                    | 28                   | 1200                  | 0.25             | 0.6              | Yes  | NA   | 4                       | internal | 90                          | SOT23-6   | YB1542ST26                                                     | PWM                           |
| YT1577  | boost                                | converter  | 2.5                 | 5                   | 5                    | 5                    | 500                   | 0.05             | 1.23             | Yes  | NA   | 5                       | internal | 93                          | SOP8-EP   | YT1577SOP8                                                     | PFM/PWM<br>Single AA<br>boost |

| YB ITEM | Kind<br>(boost /<br>charger pump) | Type<br>(converter/<br>controller) | Vin (min)<br>(V) | Vin (max)<br>(V) | Iout (max)<br>(A)                          | Vout (max)<br>(V) | fsw (max)<br>(kHz) | Iq (typ)<br>(mA) | Vfb (typ) (V) | Current<br>Limit (A) | SS       | Max Duty<br>Cycle (%) | Package                  | Special Features     |
|---------|-----------------------------------|------------------------------------|------------------|------------------|--------------------------------------------|-------------------|--------------------|------------------|---------------|----------------------|----------|-----------------------|--------------------------|----------------------|
| YB1325  | Charge Pump                       | controller                         | 1.8              | 5.5              | 0.3                                        | 3.3v/5v           | 650                | 0.4              | NA            | 0.3                  | internal | N/A                   | TSOT-23-6<br>TDFN-2x2-6L | LED Driver           |
| YB1518A | boost                             | converter                          | 2.5              | 5.5              | 0.6                                        | 36                | 1000               | 1                | 0.2           | 1.2                  | internal | 92                    | SOT23-6                  | LED driver           |
| YB1528  | boost                             | converter                          | 2.5              | 5.5              | 0.6                                        | 36                | 1000               | 0.4              | 0.3           | 1.2                  | internal | 92                    | SOT23-6                  | LED driver           |
| YB1526A | boost                             | controller                         | 3                | 5                | 1.5                                        | 6                 | 2000               | 0.34             | NA            | 3.4                  | internal | NA                    | TDFN-3x2-14L             | Flash LED Driver     |
| YB1527  | boost                             | controller                         | 2.5              | 6                | 1                                          | 23                | 1000               | 0.001            | 0.25          | 1                    | internal | 92                    | SOT-23-6L<br>SOT-23-5L   | LED Backlight Driver |
| YB1530  | Boost                             | controller                         | 2.5              | 5.5              | 0.75                                       | 36                | 200                | 0.4              | 0.3           | 2                    | internal | 92                    | SOT23-6                  | LED Driver           |
| YB1560  | boost                             | controller                         | 9                | 35               | -                                          | -                 | 200                | 0.8              | 0.4           | -                    | external | 100                   | SOP-8                    | LED Driver           |
| YB1566  | boost                             | controller                         | 2.7              | 5.5              | 3.5V * 2.3A *<br>efficiency<br>(75%) / 24V | 38                | 1200               | 0.2              | 0.2           | 2.75                 | internal | 100                   | TSOT-23-5                | LED Driver           |
| YT1529  | boost                             | controller                         | 3                | 20               | 1.5                                        | 40                | 1200               | 0.4              | 0.2           | 1.5                  | internal | -                     | TSOT-23-6<br>TDFN-2x2-6L | LED Driver           |
| YB1533  | boost                             | controller                         | 6                | 28               | -                                          | 100               | 120                | 0.32             | 0.4           | -                    | -        | 100                   | ESOP-8                   | LED Driver           |
| YB1512  | boost                             | controller                         | 2.5              | 5.5              | 1                                          | 40                | 1000               | 0.8              | 0.2           | 1.2                  | internal | 92                    | SOT23-6                  | LED Driver           |

Battery Charger

| YB ITEM | Vin (min) (V) | Vin (max) (V) | IBAT (A)    | Vout (V) | Iq shutdown(A) | Iq (typ) (A) | Iout (A)   | Package              |
|---------|---------------|---------------|-------------|----------|----------------|--------------|------------|----------------------|
| YB1880  | 4.25          | 6.5           | 500mA       | 4.2      | 50uA           | 350uA        | 1          | SOT-23-5             |
| YB1850  | 4.25          | 6.25          | 1A          | 4.2      | 50uA           | 350uA        | 1          | SOP8(EP)             |
| YB1883  | 4.25          | 6             | 100mA/500mA | 4.2/4.35 | 1uA            | 2.5uA        | 500mA/1.5A | SOT-23-6<br>SOP8(EP) |
| YB1813  | 3.9           | 13.5          | 100mA/500mA | 4.2      | -              | -            | 3A         | QFN4x4-24L           |

Load Switch

|         | VIN (Min.) (V) | VIN (Max.)(V) | UVLO   | IOUT(A) | RDS(ON) (mΩ)                   | Current Limit (A) | OTP | Action | Package                |
|---------|----------------|---------------|--------|---------|--------------------------------|-------------------|-----|--------|------------------------|
| YB1901M | 2.7            | 5.5           | 2.2    | 2.1     | 70                             | 2.7A              | 155 | L      | SOT23-3/SOT23-5        |
| YB1902  | 2.7            | 5.5           | 2.2    | ADJ     | 70                             | 2A                | 155 | H/L    | SOT23-5                |
| YB1905A | 2.5            | 5.5           | 2.36   | ADJ     | 90                             | 1.7A              | 140 | H      | SOT23-5<br>TDFN 2x2-6L |
| YB1925  | 4.5            | 24            | 4.27   | ADJ     | 58(SOIC-8)<br>57(TDFN-2x3-8BL) | 2A                | 150 | H      | SOIC8<br>TDFN-2x3-8BL  |
| YT1921  | 2.4            | 5.5           | 2.3    | ADJ     | 80                             | 2A                | 130 | H      | SOT23-5                |
| YB1906  | 0.7            | 10            | 0.9~6V | 0.05mA  | -                              | -                 | 150 |        | SOT23-3                |