|  |  |  |  |
| --- | --- | --- | --- |
| Instruction | Format | Binary | Hexa |
| sub $2, $1, $3 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100010 | | 000000 00001 00011 00010 00000 100010 | 00231022 |
| and $8, $2, $5 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100100 | | 000000 00010 00101 01000 00000 100100 | 00454024 |
| or $9, $6, $2 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100101 | | 000000 00110 00010 01001 00000 100101 | 00C2 4825‬ |
| add $5, $5, $6 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100000 | | 000000 00101 00110 00101 00000 100000 | 00A6 2820‬ |
| sub $4, $3, $6 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100010 | | 000000 00011 00110 00100 00000 100010 | 0066 2022‬ |
| beq $5, $6 | |  |  |  |  | | --- | --- | --- | --- | | 000100 | rs | rt | offset | | 000100 00101 00110 00000000 00000000 | 10A6 0000‬ |
| add $1, $1, $1 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100000 | | 000000 00001 00001 00001 00000 100000 | 0021 0820‬ |
| add $2, $2, $2 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100000 | | 000000 00010 00010 00010 00000 100000 | 0042 1020‬ |
| add $3, $3, $3 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100000 | | 000000 00011 00011 00011 00000 100000 | 0063 1820‬ |
| add $4, $4, $4 | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 000000 | rs | rt | rd | 00000 | 100000 | | 000000 00100 00100 00100 00000 100000 | 0084 2020‬ |
| add $5, $5, $5 |  |  | 00A5 2820‬ |
| add $6, $6, $6 |  |  | 00C6 3020‬ |
| add $6, $6, $0 |  | 000000 00110 00000 00110 00000 100000 | 00C0 3020 |