

16-bit  
big-endian  
value

15 14 13 12 11 10 9 8 | 7 6 5 4 3 2 1 0

$R^4$   $R^3$   $R^2$   $R^1$   $R^0$   $G^5$   $G^4$   $G^3$   $G^2$   $G^1$   $G^0$   $B^4$   $B^3$   $B^2$   $B^1$   $B^0$

Little-endian  
logical  
bit stream

15 14 13 12 11 10 9 8 | 7 6 5 4 3 2 1 0

$G^2$   $G^1$   $G^0$   $B^4$   $B^3$   $B^2$   $B^1$   $B^0$   $R^4$   $R^3$   $R^2$   $R^1$   $R^0$   $G^5$   $G^4$   $G^3$

Sample	Bit offset	Bit length	Channel
0	13	3	$G^{0..2}$
1	0	3	$G^{3..5}$
2	3	5	$R^{0..4}$
3	8	5	$B^{0..4}$