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5A, 2AC

X72 OUTPUT CONTROL REGISTER

Hex	Bit #	Control	Description	Who Controls
1	0	Lamp Switch Power Boost - Internal function	0 = Lamp Switch off (default during operation) 1 = Lamp Switch on	Controlled by SDCP - Automated Function - No User Input
2	1	BITE Output	0 = Unit is Locked (default during operation) 1 = Unit is Not Locked	Controlled by SDCP - Automated Function - No User Input
4	2	FXO (Crystal Output) Enable	0 = Enables FXO output 1 = Disables FXO output	Configuration is set by user either by entering control register value during TACO or entering configuration information into the unit batch list file prior to testing
8	3	1PPS Output Enable	0 = Enables 1PPS output 1 = Disables 1PPS output	Configuration is set by user either by entering control register value during TACO or entering configuration information into the unit batch list file prior to testing
1	4	ACMOS Output Enable	0 = Enables ACMOS output 1 = Disables ACMOS output	Configuration is set by user either by entering control register value during TACO or entering configuration information into the unit batch list file prior to testing
2	5	C-Field Boost	0 = Low C-field (default) 1 = High C-field	Configuration is set by user by entering control register value during TACO. Not configurable in customer firmware.
4	6	SINE Output Enable	0 = Enables SINE output to 40% of max amplitude 1 = Disables SINE output	Configuration is set by user either by entering control register value during TACO or entering configuration information into the unit batch list file prior to testing
8	7	SINE Output Level Adjust	0 = Zero additional level (default) 1 = Adds 15% of max output	Configuration is set by user by entering control register value during TACO. Not configurable in customer firmware.
1	8	SINE Output Level Adjust	0 = Zero additional level (default) 1 = Adds 10% of max output	Configuration is set by user by entering control register value during TACO. Not configurable in customer firmware.
2	9	SINE Output Level Adjust	0 = Zero additional level 1 = Adds 5% of max output (default)	Configuration is set by user by entering control register value during TACO. Not configurable in customer firmware.
4	10	Service	0 = Unit is OK 1 = Unit requires service	Controlled by SDCP - Automated Function - No User Input
8	11	1PPS Locked (Sync)	0 = No 1PPS Sync 1 = 1PPS Locked to Ext 1PPS	Controlled by SDCP - Automated Function - No User Input
1	12	External 1PPS	0 = No 1PPS External Signal 1 = 1PPS External Signal Present	Controlled by SDCP - Automated Function - No User Input
2	13	FC Pin Enabled	0 = Frequency Control Pin Disabled 1 = Frequency Control Pin Enabled	Controlled by SDCP - Automated Function - No User Input
4	14	Reserved - Not Used		
8	15	Reserved - Not Used		

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