SEMTECH

SETS - Clock Card Family Features Tree

Part No.	Features																														
	General Features														Input Configurations					Output Configurations												
	Automatic Reference switching	Hardware Master/Slave control mode	Stratum 3 SONET/SDH Compliance	Stratum 3E compliance	Hit-less Source Switching	PBO on currently locked reference	Holdover (with appropriate TCXO, OCXO)	8 bit micro-processor modes	Frequency Monitoring	Activity Monitoring	Los of Lock Indication	Revertive/Non-revertive mode	Output Phase Adjustment	Phase Measurement	155.52 MHz	6.48, 19.44, 25.52, 38.88, 51.84, 77.76 MHz	1.544 MHz or 2.048 MHz (E1 or DS1)	N x 8 kHz (N = 1 to 12499)	2, 4, 8 kHz	311.04 MHz	155.52 MHz	38.88 MHz, 51.84 MHz, 77.76 MHz	6.48, 25.52 MHz	44.736 MHz or 34.368 MHz (E3 or DS3)	19.44 MHz	N x E1 or N x DS1, N = 1 to 16	1.544 MHz or 2.048 MHz (E1 or DS1)	2 kHz and 8 kHz Frame Sync Pulses	Programmable pulse width and polarity		
ACS8510	•		•		•		•	•	•	•	•	•			•	•	•		•	•	•	•	•		•		•	•			
ACS8520	•	•	•		•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
ACS8522	•		•		•		•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
ACS8530	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

SETS - Line Card Family Key Features

Part No.	Features																							
	General Features										Input Configurations								Output Configurations											
	Automatic Reference Switching	Hit-less Source Switching	Holdover	Software Control Mode	Frequency Monitoring	Activity Monitoring	Los of Lock Indication	Revertive/Non-revertive mode	Output Phase Adjustment	Phase Measurement	155.52 MHz	38.88 MHz, 51.84 MHz, 77.76 MHz	6.48 MHz, 25.52 MHz	19.44 MHz	1.544 MHz or 2.048 MHz (E1 or DS1)	N x 8 kHz (N = 1 to 12499)	8 kHz	2 kHz, 4 kHz	311.04 MHz	155.52 MHz	38.88 MHz, 51.84 MHz, 77.76 MHz	25.52 MHz	44.736 MHz or 34.368 MHz (E3 or DS3)	19.44 MHz	N x E1 or N x DS1, N = 1 to 16	1.544 MHz or 2.048 MHz (E1 or DS1)	2 kHz and 8 kHz Frame Sync Pulses	Programmable pulse width and polarity
ACS8515	•	•	•	•	•	•	•	•			•	•		•	•		•	•	•	•				•		•	•	
ACS8525	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ACS8526	•		•	•		•	•	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ACS8527			•			•	•					•	•	•	•		•			•	•	•	•	•		•	•	