APQP Key Events		2016				2017				2018				2019		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
																Ţ
Product Development Gateway	1		2	3 (A)		3 (A)		4 (P)				▼ 5 (R)				6 (S)
EVENT 1 - Identify Key Components															PROD	
- Failure Prevention Analysis								1				1				Ì
- Level II QFD (System Level)								i.				ł				-
- Level II QFD (Component Level)								ł				i				į.
- Sourcing (for key components identified as high			F	inal 🔨				-				1				-
risk from Level II QFD			Tech	nology ection	)											
EVENT 2 - Identify Key Characteristics																i
- Define preliminary Manufacturing Process and								i.								-
Feasibility Plan												i				
- Conduct System/Component level FPA				i				-				1				ł
session(s) to evaluate design alternatives				-												ł
- Robustness tool application (inputs to DFMEA)								l l				i				i
- DFMEA (identify KDC's and take immediately to				ł								-				
PFMEA)								i				i				
- Design for Manufacturing (DFM)								:				i				i
a. Review design for good manufacturing practice				Ì								-				-
b. Review tolerance requirements for KDC's and								i				i i				
the capability of the specific assets planned to				i				1				:				Ì
manufacture the KDC for compatibility					г											
EVENT 3 - Characteristic Management																i
- Create a Process Characteristic Matrix								-				-				!
- PFMEA (focus on key processes identified in the								i				i				÷.
Process Characteristic Matrix and the KDC's				i												
identified in the DFMEA (in Event 2)								i i				ł				
- Create other "Plans" (Process Capability, MSA,								1				1				i
New Eauipment, Tooling, and Facilities, Gages and								i.				-				
Test Equipment, Packaging, Personnel Training)																į
EVENT 4 - Design Verification Planning				i I I		Γ										
- Construct Design Verification Plan																
EVENT 5 - Production Readiness												1				
- Control Plan Review								i								
- Tooling and Asset Review and Management				i				ł				<u> </u>				I
- Measurement Systems Analysis (MSA)				-				ł								
- Stability and Capability Studies												i				
				2 (1)				(B)				E (D)				
				3 (A)				4 (P)				5 (R)			PROD	6 (S)