

PRODUCT AND PROCESS CHANGE NOTIFICATION		
PCN NO: 0368	RAISED BY: C.Goddard	DATE: 05/09/2022
CUSTOMER: Various		
PRODUCT: SPXO IQXO-691 2520-09 CMOS 0.9V 2.5mm x 2.0mm SPXO IQXO-691 2520-12 CMOS 1.2V 2.5mm x 2.0mm SPXO IQXO-691 2520-15 CMOS 1.5V 2.5mm x 2.0mm SPXO IQXO-691 3225-09 CMOS 0.9V 3.2mm x 2.5mm SPXO IQXO-691 3225-12 CMOS 1.2V 3.2mm x 2.5mm SPXO IQXO-691 7050-09 CMOS 0.9V 7.0mm x 5.0mm SPXO IQXO-691 7050-12 CMOS 1.2V 7.0mm x 5.0mm		
PART NUMBER(S): See 'IQXO-691 PN List.xls'		
CURRENT PRODUCT/PROCESS: N/A		
PROPOSED CHANGE: Alternative IC configuration being added.		
REASON FOR CHANGE: Shortage of current IC.		
EXPECTED EFFECT ON PERFORMANCE: N/A		
EXPECTED EFFECT ON RELIABILITY: N/A		
COMMENTS: We are adding an alternative IC configuration due to shortages of the current IC. When the market conditions return to a more normal situation, we expect to be able to source the original IC and use either qualified configuration to fulfill demand.		
IMPLEMENTATION DATE: Q1 2023	AUTHORISED BY:  Date: 05/09/2022	

AKA p/n	Parameter	Type	Tec. Part no.
LFSPXO076038Reel	40.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076024Reel	25.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076023Reel	24.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076032Reel	40.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076027Reel	40.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076033Cutt	24.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076040Cutt	25.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076037Reel	27.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076033Reel	24.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076040Reel	25.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076035Reel	26.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076025Reel	26.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076034Reel	25.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076028Reel	24.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076042Reel	27.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076030Reel	26.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076029Reel	25.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076043Reel	40.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076039Reel	24.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076041Reel	26.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076031Reel	27.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO082173Reel	25.0MHz	IQXO-691 2520-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082175Reel	26.0MHz	IQXO-691 2520-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082180Reel	32.0MHz	IQXO-691 2520-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082183Reel	38.40MHz	IQXO-691 2520-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082186Reel	24.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082190Reel	27.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082241Reel	32.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082242Reel	32.7680MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082172Reel	24.0MHz	IQXO-691 2520-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082177Reel	27.0MHz	IQXO-691 2520-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082184Reel	40.0MHz	IQXO-691 2520-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082187Reel	25.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082189Reel	26.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082195Reel	32.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082196Reel	38.40MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082197Reel	40.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082231Reel	26.0MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082228Reel	24.0MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082230Reel	25.0MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082232Reel	27.0MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082233Reel	32.0MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082236Reel	48.0MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082240Reel	27.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082234Reel	32.7680MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082235Reel	40.0MHz	IQXO-691 3225-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO082237Reel	24.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082238Reel	25.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082239Reel	26.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082243Reel	40.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082244Reel	48.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO083257Cutt	25.0MHz	IQXO-691 2520-15	CMOS ±50ppm -40 to 85C 1.5V
LFSPXO083257Reel	25.0MHz	IQXO-691 2520-15	CMOS ±50ppm -40 to 85C 1.5V
LFSPXO083305Reel	30.0MHz	IQXO-691 7050-09	CMOS ±25ppm -40 to 85C 0.9V

LFSPXO083304Reel	30.0MHz	IQXO-691 7050-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO083305Cutt	30.0MHz	IQXO-691 7050-09	CMOS ±25ppm -40 to 85C 0.9V
LFSPXO083304Cutt	30.0MHz	IQXO-691 7050-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO083920Cutt	20.0MHz	IQXO-691 2520-15	CMOS ±50ppm -40 to 85C 1.5V
LFSPXO083920Reel	20.0MHz	IQXO-691 2520-15	CMOS ±50ppm -40 to 85C 1.5V
LFSPXO084744Reel	30.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO084744Cutt	30.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO085010Reel	20.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO085010Cutt	20.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO085013Reel	50.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO085013Cutt	50.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO085158Reel	50.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO082187Cutt	25.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO085158Cutt	50.0MHz	IQXO-691 2520-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO085354Reel	20.0MHz	IQXO-691 2520-15	CMOS ±25ppm -40 to 85C 1.5V
LFSPXO085354Cutt	20.0MHz	IQXO-691 2520-15	CMOS ±25ppm -40 to 85C 1.5V
LFSPXO085563Reel	38.40MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO085809Reel	36.8640MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO085809Cutt	36.8640MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO085811Reel	10.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO085811Cutt	10.0MHz	IQXO-691 3225-12	CMOS ±25ppm -40 to 85C 1.2V
LFSPXO076023Cutt	24.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076038Cutt	40.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076027Cutt	40.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076029Cutt	25.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076039Cutt	24.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076025Cutt	26.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076041Cutt	26.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076031Cutt	27.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076030Cutt	26.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076026Cutt	27.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076032Cutt	40.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076037Cutt	27.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076043Cutt	40.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076042Cutt	27.0MHz	IQXO-691 2520-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076028Cutt	24.0MHz	IQXO-691 3225-09	CMOS ±50ppm -40 to 85C 0.9V
LFSPXO076024Cutt	25.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076035Cutt	26.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076026Reel	27.0MHz	IQXO-691 3225-12	CMOS ±50ppm -40 to 85C 1.2V
LFSPXO076034Cutt	25.0MHz	IQXO-691 2520-12	CMOS ±50ppm -40 to 85C 1.2V