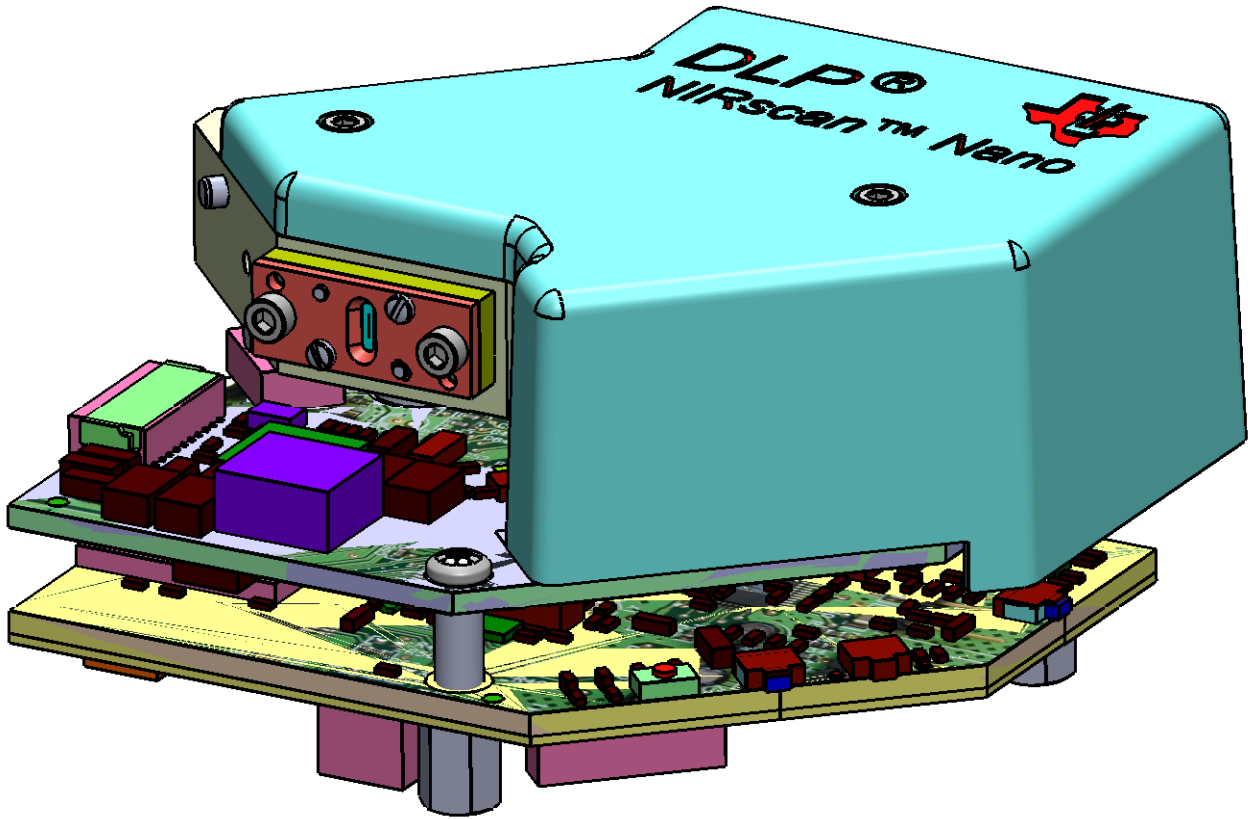


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REVISIONS			
REV	DESCRIPTION	DATE	BY
A	RELEASED FOR PROTOTYPE BUILD	6/17/2014	RDR
B	REVISED AND ADDED PCB'S	9/15/2014	RDR

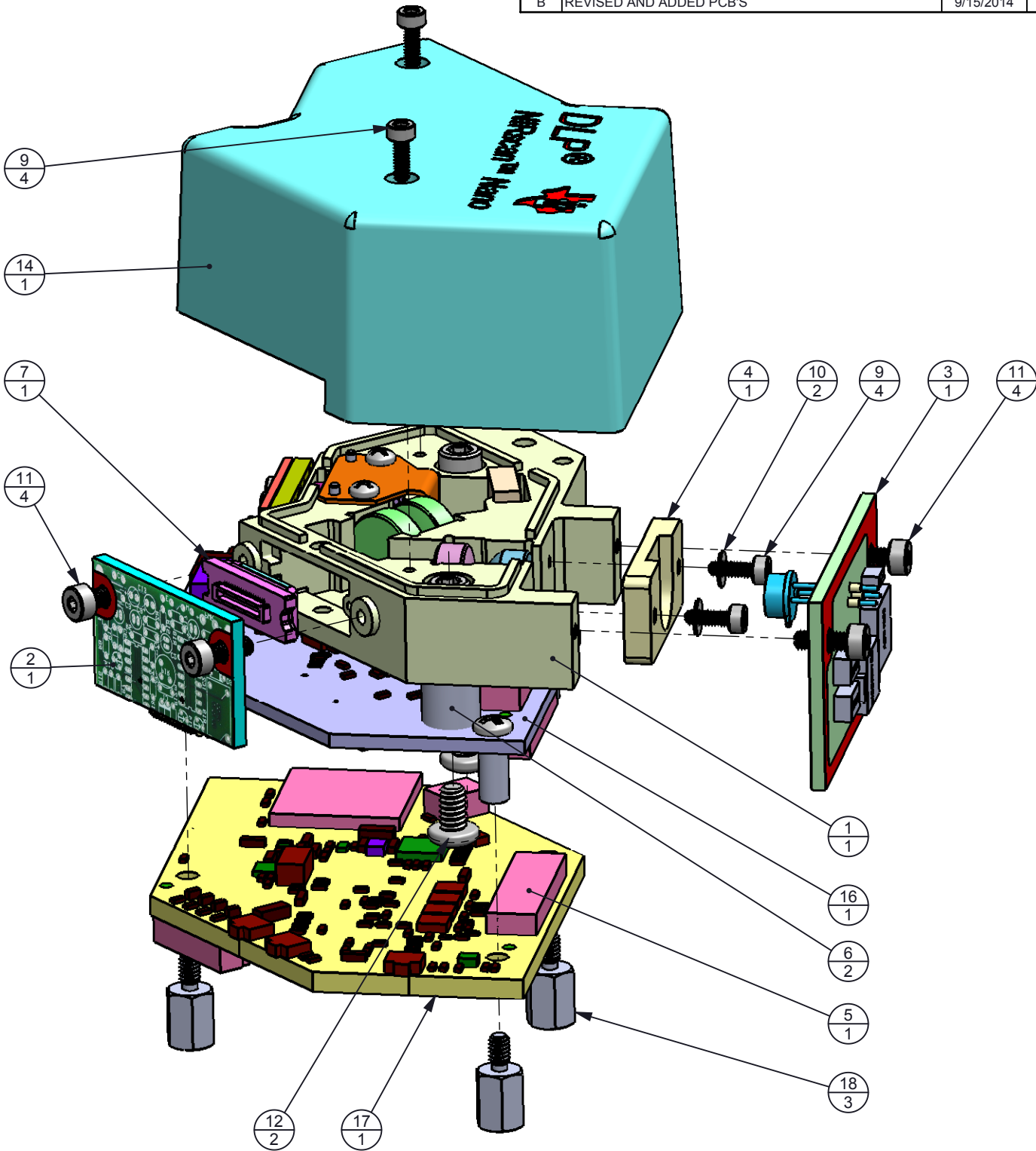
D



C

B

A



BILL OF MATERIAL						
ITEM NO.	QTY.	TI PART NUMBER	DESCRIPTION	VENDOR	VENDOR P/N	MATERIAL
1	1	2513880	OPTICS / CHASSIS SUBASSY	TI	2513880	SEE COMPONENT SPECS
2	1	2141381	PCB, SUB-ASSY, DMD TO MAIN BOARD	TI	2141381	SEE COMPONENT SPECS
3	1	2141385	PCB SUB ASSY, DETECTOR BOARD	TI	2141385	SEE COMPONENT SPECS
4	1	2513937	PLATE, DETECTOR ENCAPSULATION	MILLTECH	2513997	ACRYLIC
5	1	2141390	PCB SUB-ASSY, DLPC150	TI	2141390	SEE COMPONENT SPECS
6	2	93265A431	STANDOFF 4-40 X .25LG - ROUND	MCMaster-CARR	93265A431	ZINC PLATED STEEL
7	1	DMD, .2 TRP WVGA NEAR IR	DMD, .2 TRP WVGA NEAR IR	TI	DLP2010NIRFQJ	SEE DATA SHEET
9	4	91290A022	SCREW, M1.6X0.35 X 5LG SHCS, BLK, ALLOY STEEL	MCMaster-CARR	91290A022	BLACK-OXIDE ALLOY ST
10	2	93475A190	WASHER, M1.6 x 4MM OD, SS	MCMaster-CARR	93475A190	18-8 STAINLESS ST
11	4	91290A013	SCREW, M2 x 0.4 X 6LG SHCS, BLK, ALLOY STEEL	MCMaster-CARR	91290A013	BLACK-OXIDE ALLOY ST
12	2	90272A105	SCREW, 4-40 x.188LG, PHP, ZINC ST	MCMaster-CARR	90272A105	ZINC PLATED STEEL
13	2	91251A108	SCREW, 4-40 x.375LG, SHCS, BLK, ALLOY STEEL	MCMaster-CARR	91251A108	BLACK-OXIDE ALLOY ST
14	1	2513923	COVER, ENGINE MODULE, FULL	CM Selection	2513923	ABS/PC
16	1	TIDLp-23327-01-DLPC150	TIDLp-23327-01-DLPC150	TI	TIDLp-23327-01-DLPC150	SEE COMPONENT SPECS
17	1	TIDLp-23328-01 - TIVA	TIDLp-23328-01 - TIVA	TI	TIDLp-23328-01 - TIVA	SEE COMPONENT SPECS
18	3	93505A211	STANDOFF 2-56 X .25 LG X .187 HEX MF	MCMaster-CARR	93505A211	ALUMINUM



2513874		UNLESS OTHERWISE SPECIFIED		DWN R ROWE	DATE 6/17/2014	TEXAS INSTRUMENTS	
NEXT ASSY		• DIMENSIONS ARE IN MILLIMETERS		Engr			
USED ON		• TOLERANCES: ANGLES ±1°		CQE/QA			
APPLICATION		2 PLACE DECIMALS ±0.25		CM		CORE ASSY	
		1 PLACE DECIMALS ±0.50				NIRscan Nano	
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES				SIZE B	
		• INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994				DWG NO 2513871	
		• REMOVE ALL BURRS AND SHARP EDGES		Apprvd		REV C	
		• PARENTHEetical INFO FOR REF ONLY				SCALE 1:2	
						SHEET 1 OF 1	