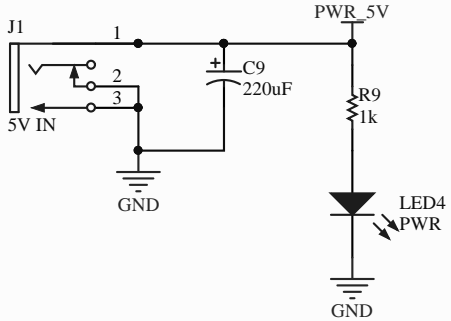
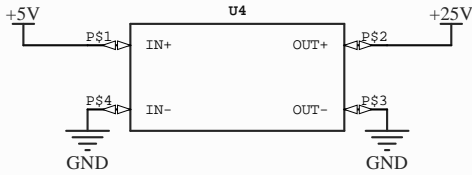


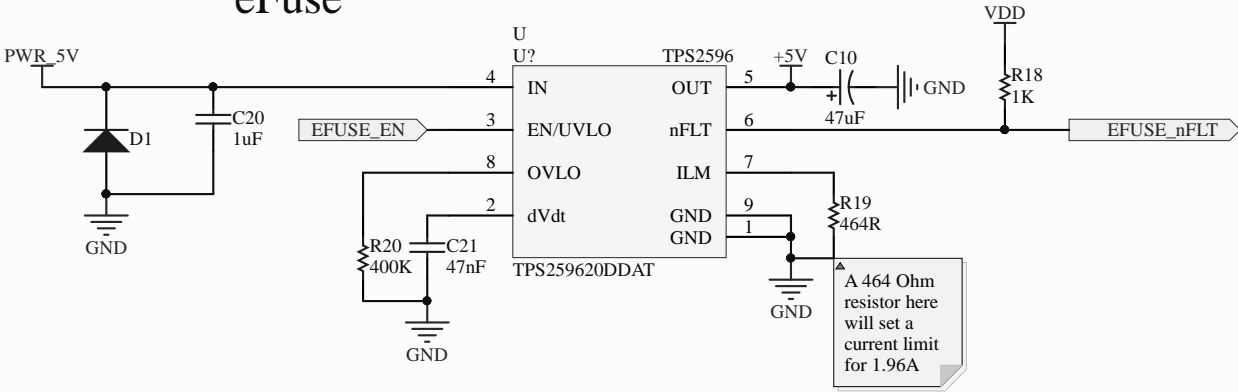
Power In



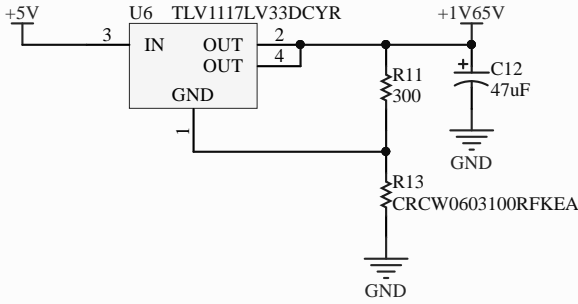
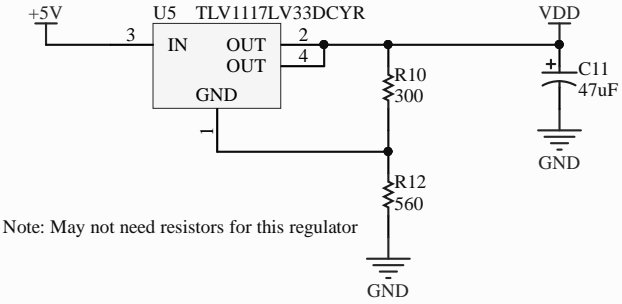
Boost Converter



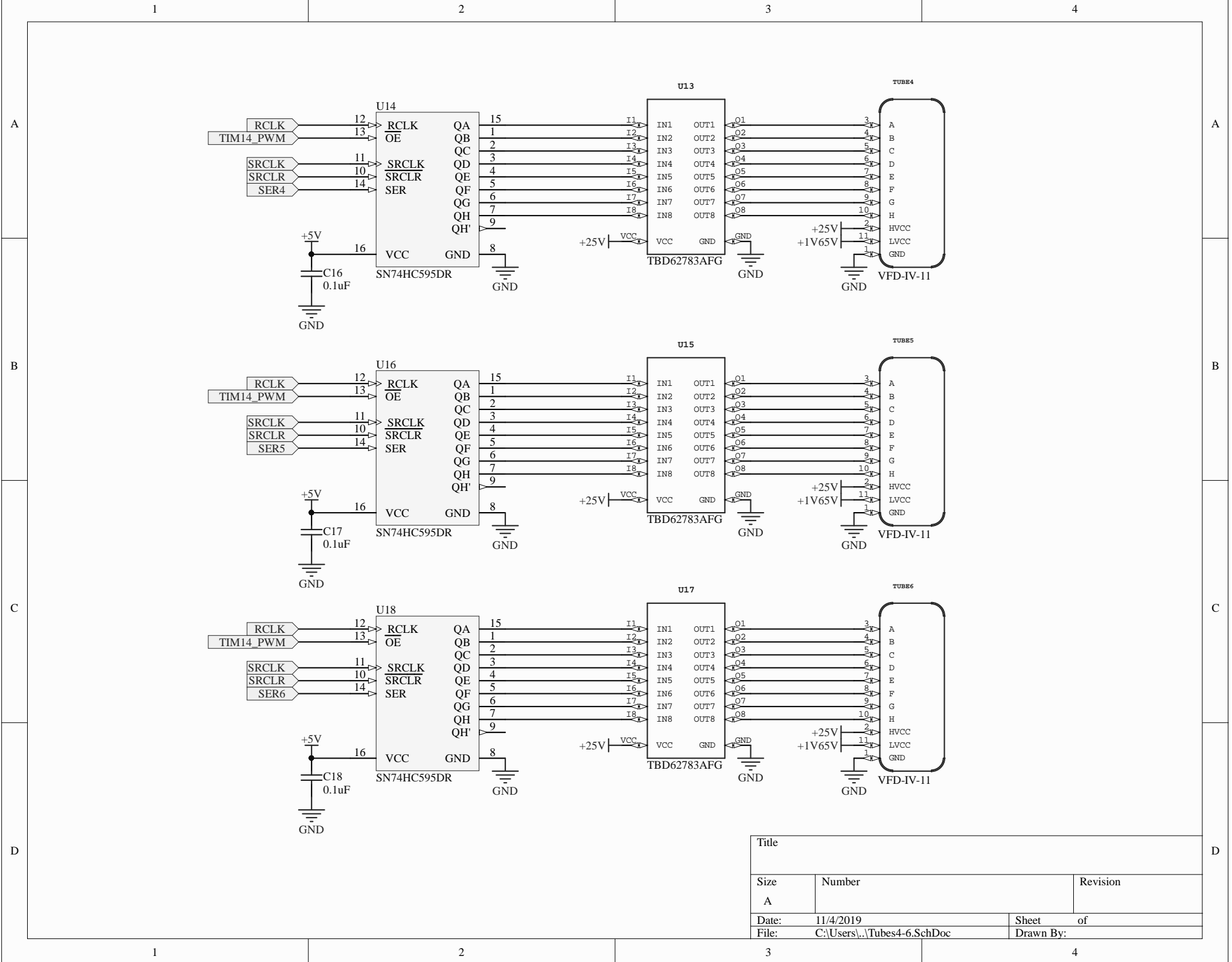
eFuse

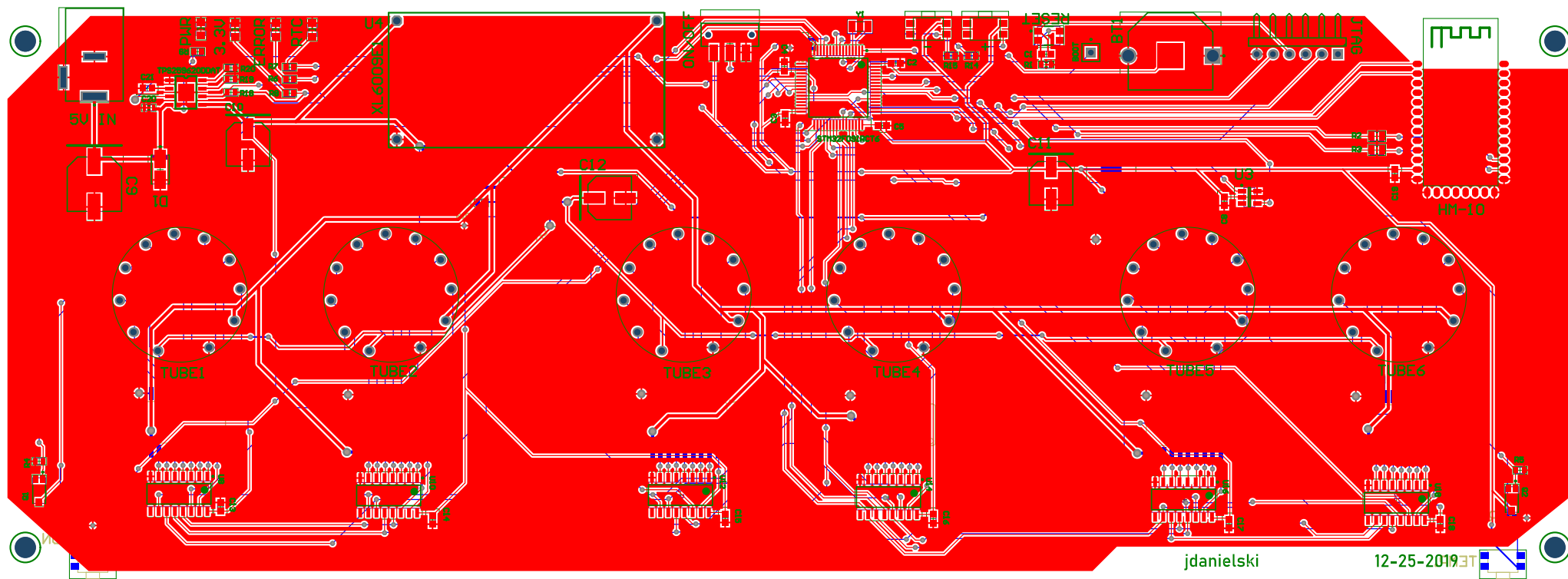


Voltage Regulators



Title		
Size	Number	Revision
A		
Date:	11/4/2019	Sheet of
File:	C:\Users\...\Power.SchDoc	Drawn By:





Component list

Source Data From:

Project:

Variant:

VFD-Clock.PrjPcb

VFD-Clock.PrjPcb

None

Report Date:

11/4/2019

11:56 PM

Print Date:

04-Nov-19

11:56:43 PM

Altium
Think it, Design it.

#	LibRef	#Column Name Error: Manufacturer 1	n Name Error: Manufacturer Part Number	PartType	Description	Footprint	PackageRef
1	Socket			Socket	Socket	PIN1	
2	CMP-2000-05463-1			3001	Holder Battery Coin, 12 mm, 2-Pin THD, RoHS	KSTN-3001_V	
3	CMP-2000-05002-1			0.1uF	Ceramic Multilayer Capacitor, 100 nF, +/- 10%, 50 V, 0805, RoHS	CAPC1608X90X40ML10T20	
4	CMP-2000-05002-1			100nF	Ceramic Multilayer Capacitor, 100 nF, +/- 10%, 50 V, 0805, RoHS	CAPC1608X90X40ML10T20	
5	CMP-2100-03600-1			10nF	Chip Capacitor, 10 nF, +/- 10%, 50 V, -55 to 125 deg C, 0805, RoHS	CAPC1608X90X40ML10T20	
6	CMP-2000-06025-1			1uF	Chip Capacitor, 1 uF, +/- 10%, 50 V, -55 to 125 deg C, 0805, RoHS	CAPC1608X90X20LL10	
7	CMP-2000-06215-1			220uF	Aluminum Electrolytic Capacitor, 220 uF, +/- 20%, 25 V, 0.5 Ohm SMD, Case Code: E, RoHS	PNSC-FP-V-F_V	
8	CMP-2000-06216-1			47uF	Aluminum Electrolytic Capacitor, 47 uF, +/- 20%, 25 V, 0.5 Ohm SMD, Case Code: E, RoHS	PNSC-FP-V-D_V	
9	CMP-2006-02927-1			47nF	CAPC1608X90X35ML10T15		
10	CMP-0548-02235-2			SMAJ5.0A-E3/61	Transient Voltage Suppressor, 6.40 to 231 V, 0.5 Ohm, 500 Watts, Case Style: DO-214AC, Min R/A PLMT, 5 A, 3-Pin THD, RoHS	VISH-DO-214AC-2_M	DO-214AC-2
11	CMP-2000-05383-1			5V IN	SWITCH-RAPCT12X-3_V		
12	Header 6H			Header 6H	Header, 6-Pin, Right Angle	HDR1X6H	
13	CMP-2000-06231-1			RESET	Light Touch Switch, 100 mN, 40 to 85 deg C, 0.05 Ohm, 0.045 mm, Case Style: RoHS	PNSC-EVPRA_V	
14	CMP-1426-00010-1			ERROR	SMD mono-color Chip LED, WL-SMCW, 0805_A	0805_A	0805_A
15	CMP-1426-00010-1			RTC	SMD mono-color Chip LED, WL-SMCW, 0805_A	0805_A	0805_A
16	CMP-1426-00010-1			3.3V	SMD mono-color Chip LED, WL-SMCW, 0805_A	0805_A	0805_A
17	CMP-1426-00010-1			PWR	SMD mono-color Chip LED, WL-SMCW, 0805_A	0805_A	0805_A
18	CMP-2000-06501-1			JS102011SAQN	Subminiature Slide Switch, SPD1, -40 to 85 deg C, 0.05 Ohm, 0.045 mm, Case Style: RoHS	CKCP-JS102011SAQN-3_V	
19	CMP-1666-00035-1			Left	YSIL-TEMT600X01_V		1206
20	CMP-1666-00035-1			Right	YSIL-TEMT600X01_V		1206
21	Res3				J1-0803	J1-0803	
22	CMP-2001-04896-1			0	RES-2013X50X30LL20T20		
23	CMP-2000-01811-1			10k	RES-1608X55X30LL15T15		
24	CMP-2000-02873-1			1k	RES-1608X55X30LL20T20		
25	CMP-2000-00411-1			300	RES-1608X55X30LL15T15		
26	CMP-2000-00091-1			560	RES-1608X55X30LL20T20		
27	CMP-2000-03824-1			CRCV060310IRFKEA	RES-1609X50X30LL10T20		
28	CMP-2000-00873-1			10k	RES-1608X55X30LL20T20		
29	CMP-2000-00411-1			1K	RES-1608X55X30LL15T15		
30	CMP-2000-00411-1			464R	RES-1608X55X30LL15T15		
31	CMP-2000-00411-1			400K	RES-1608X55X30LL15T15		
32	CMP-1461-00001-1			+	434331046822		434331046822
33	CMP-1461-00001-1			-	434331046822		434331046822
34	CMP-1461-00001-1			DATE BUTTON	434331046822		434331046822
35	CMP-1461-00001-1			TEMP	434331046822		434331046822
36	VFD-IV-11			VFD-IV-11	VFD-IV11		
37	TI_TPS25962DDAT			TPS25962DDAT	Texas Instruments TPS25962DDAT - duplicate	TPS25962DDAT - duplicate	
38	CMP-0304-00199-2			STM32F091RCT6	ARM Cortex-M0 32-bit MCU, 256 KB Flash, 20 pins, 1.8 V, 1.5-Pin, Industrial, Case: SOIC8, RoHS	STM-LOFP64_L	
39	HM-10			HM-10	voltage output temperature sensor, 2.7 to 1.5 V, 3-Pin, Industrial, Case: SOIC8, RoHS	HM-10	
40	CMP-0887-00046-1			TMP35	ADI-RJ-5_M		RJ-5
41	XL6009E1			XL6009E1	Single Output LED, 1 A, 168 3.3 V Output, 2.5 to 4.5 V Input, Case: SOIC8, RoHS	XL6009E1	
42	CMP-0395-05053-2			TLV117L/33DCYR	Single Output LED, 1 A, 168 3.3 V Output, 2.5 to 4.5 V Input, Case: SOIC8, RoHS	DCY0004A_M	DCY0004A
43	TBD62783AFG			TBD62783AFG	7-Bit Shift Registers with 3-State Output, 2.5 to 4.5 V Input, Case: SOIC8, RoHS	TBD62783AFG	
44	CMP-0780-00037-3			SN74HC595DR	8-Bit Shift Registers with 3-State Output, 2.5 to 4.5 V Input, Case: SOIC8, RoHS	D0016A_N	D0016A